



*Please Check for  
CHANGE INFORMATION  
at the Rear of this Manual*

**4054 and 4054A  
GRAPHIC COMPUTING  
SYSTEM  
PARTS AND SCHEMATICS  
SERVICE MANUAL**

**Tektronix, Inc.  
P.O. Box 500  
Beaverton, Oregon 97077**

MANUAL PART NO. 070-2839-03  
PRODUCT GROUP 14

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## **WARNING**

THE FOLLOWING SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED PERSONNEL ONLY. TO AVOID PERSONAL INJURY, DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.

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# MANUAL REVISION STATUS

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Figure 1-1. TEKTRONIX 4054 Graphic Computing System.

## Section 1

### INTRODUCTION

#### ABOUT THE MANUAL

The service documentation for the 4054 and the 4054A Graphic Computing System consists of the following manuals:

4052/4054 and 4052A/4054A Technical Data Service Manual  
4054 and 4054A Parts and Schematics Service Manual

Whenever the term "4054" is used in this service documentation, the information is also valid for the 4054A unless specifically stated otherwise.

The Technical Data Service Manual contains detailed information on the 4054 Graphic Computing System, including assembly/disassembly procedures and theory of operation. The 4054 Parts and Schematics Manual contains schematics, replaceable parts information, cables and wiring, signal definition, cross references, and an adjustment procedure. The adjustment procedure is a reference for service personnel who are familiar with the procedure. Refer to the 4052/4054 Technical Data Service Manual for detailed information on the adjustment procedure.

Service information for the following options are included in this manual and in the 4052/4054 Technical Data Service Manual.

4052 Option 1, Data Communications Interface  
4052 Option 2, Four Slot ROM Backpack  
4052 Option 3, Data Communications Interface, 4 Slot  
4052 ROM Packs

#### ABBREVIATIONS

The following is a list of some of the abbreviations used in this manual:

ALU	Arithmetic Logic Unit
crt	Cathode Ray Tube (same as DVST)
DVST	Direct View Storage Tube (same as crt)
FPLA	Field Programmable Logic Array
GPIB	General Purpose Interface Bus
I/O	Input or Output
MAS	Memory Access Sequencer
MCP	Memory Command Processor
PIA	Peripheral Interface Adapter

## INTRCDUCTION

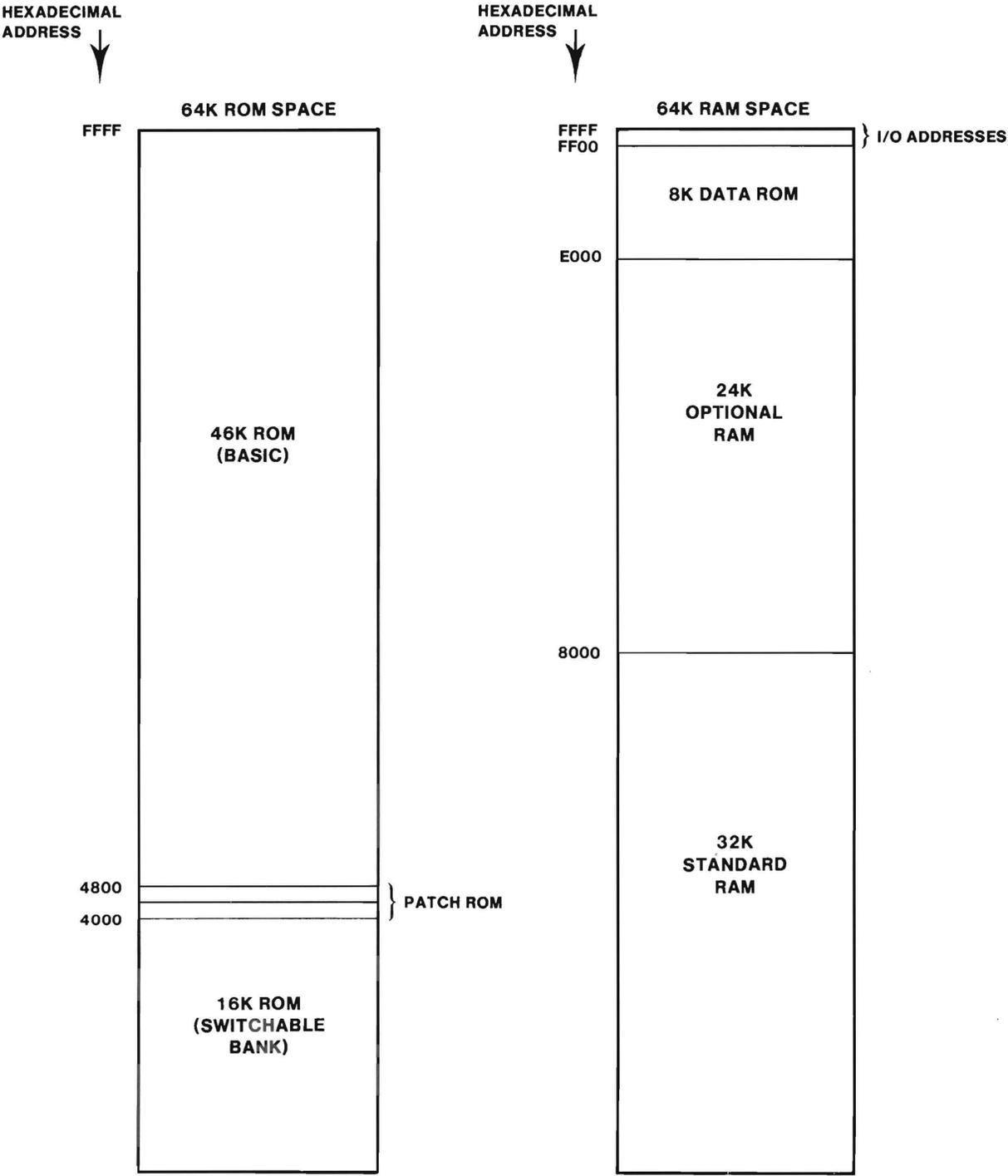
RALU	Registers and Arithmetic/Logic Unit
RAM	Random Access Memory
ROM	Read Only Memory

### SYSTEMS CONCEPTS

The 4054 Graphic Computing System is shown in Figure 1-1. The 4054 executes statements typed on the keyboard using the syntax of 4050 Series BASIC. The programs may be stored on a tape cartridge or some other peripheral device (such as the TEKTRONIX 4907 File Manager). Alphanumerics and graphics are displayed on the DVST (crt). An optional hard copy unit may be attached to the 4054 for making hard copies of the information displayed on the crt. An optional Communications Backpack can be installed to make the 4054 into an intelligent graphics terminal or to emulate the TEKTRONIX 4014 Computer Display Terminal. An optional joystick can also be connected to provide convenient graphic input.

The 4054 Graphics Computing System consists of four main groups of circuitry:

1. The ALU Board contains the micro code, the Instruction Register, the RALU (Registers and Arithmetic/Logic Unit), Condition Code Register, and interrupt logic.
2. The MCP Board contains the Program Counter, storage latches, and instruction control.
3. The MAS Board contains the firmware ROM and user RAM. The addresses of the ROM space and RAM space are shown in Figure 1-2. The MAS Board also enables the addressing of the I/O address space.
4. The I/O section consists of the display, the internal tape drive, the keyboard, the GPIB (General Purpose Interface Bus), and the backpacks. Figure 1-3 shows the addressing of the PIAs and the GPIB.



2829-51

Figure 1-2. 4054 Memory Address Allocation Map.

# INTRODUCTION

I/O SECTION	SCHEMATIC PAGE	ADDRESS HEX
GPIB	p. 5-4	FF00-FF05
DISPLAY CONTROL REGISTER	p. 5-3	FF08
DATA TO DISPLAY VECTOR GENERATOR	p. 5-3	FF09-FF0A
MAG TAPE DATA	p. 5-2	FF0C-FF0F
DISPLAY STATUS REGISTER	p. 5-2	FF10
DATA FROM DISPLAY VECTOR GENERATOR	p. 5-3	FF11-FF12
MAG TAPE PIA	p. 5-2	FF18-FF1B
KEYBOARD PIA	p. 5-3	FF28-FF2B
COMMUNICATIONS PIA	p. 5-2	FF40-FF43
COMMUNICATIONS ACIA	p. 5-1	FF44-FF45

2839-1

Figure 1-3. 4054 I/O Addresses.

## Section 2

## CALIBRATION PROCEDURE

## GENERAL INFORMATION

This is the calibration procedure for the 4054 and the 4054 Option 31. It is intended for a person who is familiar with calibrating digital and analog instruments and the use of required test equipment.

The calibration procedure for the 4054 Option 31 is nearly the same as for the 4054. There are no new adjustments, since the circuit boards are functionally the same. Any differences in this procedure between the standard 4054 and 4054 Option 31 are specifically noted.

However, because the Option 31 High Voltage/Z-Axis board is a new layout, the referencing numbers for the potentiometers are different and their board locations are different.

## EQUIPMENT REQUIRED

The following equipment is required for the adjustment procedure. Numbers shown in parenthesis are Tektronix part numbers.

- Phillips screwdrivers, #1 and #2 points
- 5/16" and 11/16" hex nut drivers
- 1/8" small shaft standard blade screwdriver
- 7 1/2" insulated shaft screwdriver (003-0001-00)
- 3/32" and 1/16" Allen Wrench
- Digital frequency counter (TEKTRONIX DC501 or equivalent)
- Voltmeter (TEKTRONIX DM510 or equivalent)
- Power Module (TEKTRONIX TM503 or equivalent). Required if a TEKTRONIX DM501 and DC501 is used.
- High Voltage Probe for 6500V
- Calibration Tape Cartridge (067-0781-02)
- 100MHZ Dual Trace Oscilloscope (TEKTRONIX 465 or equivalent)
- Cal Fixture, crt scale (067-0948-00)

## CALIBRATION PROCEDURE

### LINE VOLTAGE SELECTION

The line voltage is selected by a small printed circuit board in the line selector. See Figure 2-1. The voltage that you see on the circuit card is the line voltage currently selected for the instrument.

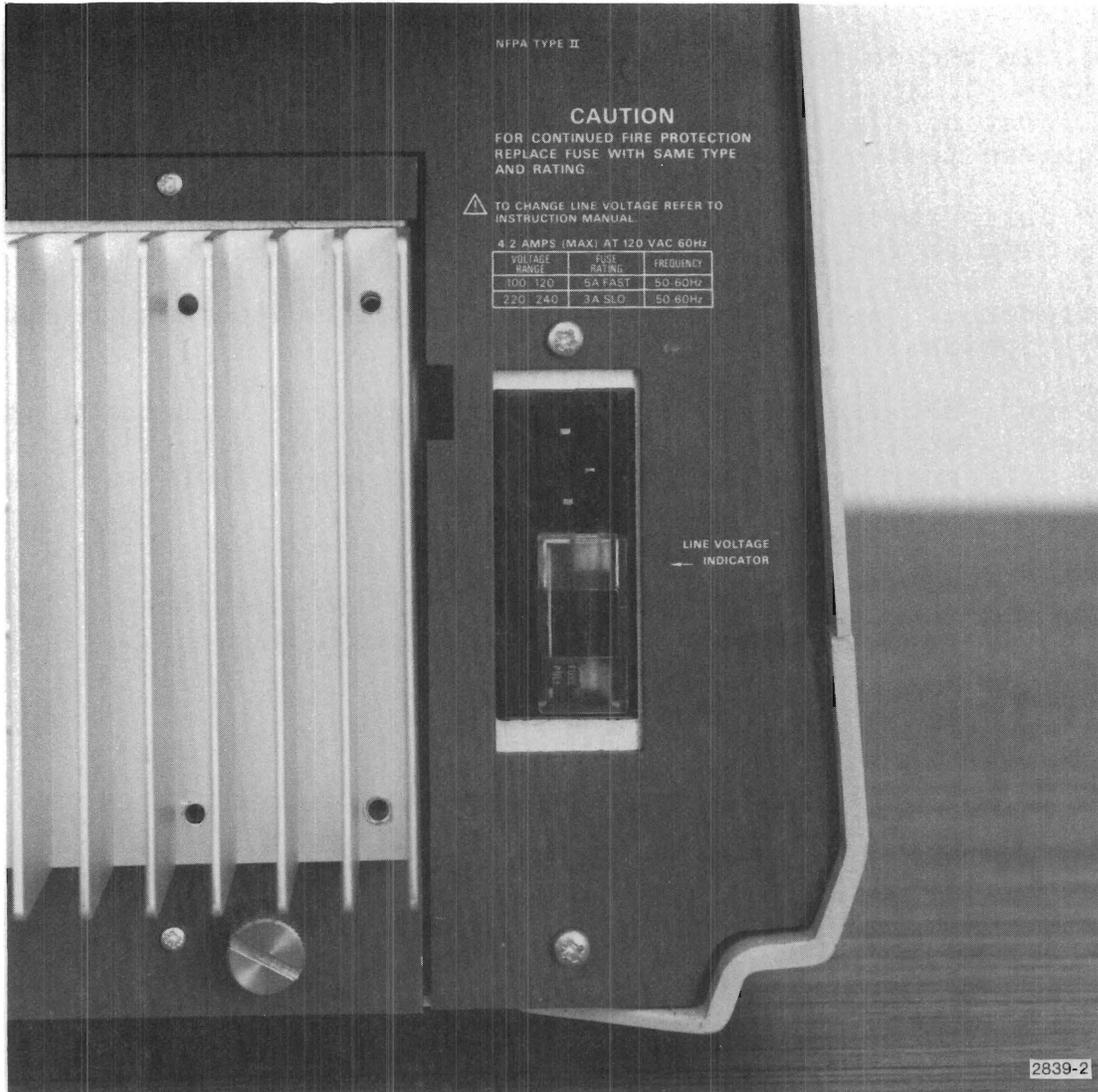


Figure 2-1. Line Voltage Selector.

**WARNING**

Do not try to defeat the fail-safe features of this voltage changing device. Attempting to change it may cause a fatal electrical shock.

To change the line voltage:

1. Remove the power cord.
2. Slide the plastic cover upwards.
3. Pull the fuse removal lever upwards and outwards to remove the fuse.
4. Remove the small printed circuit card with long nose pliers.
5. Reinstall the card with the desired line voltage showing in the small cut out beside the fuse.
6. Check the fuse size label above the connector and reinstall the correct size fuse for the new line voltage.
7. Slide the plastic cover down in place.
8. Reinstall the power cord.

**Cabinet Removal**

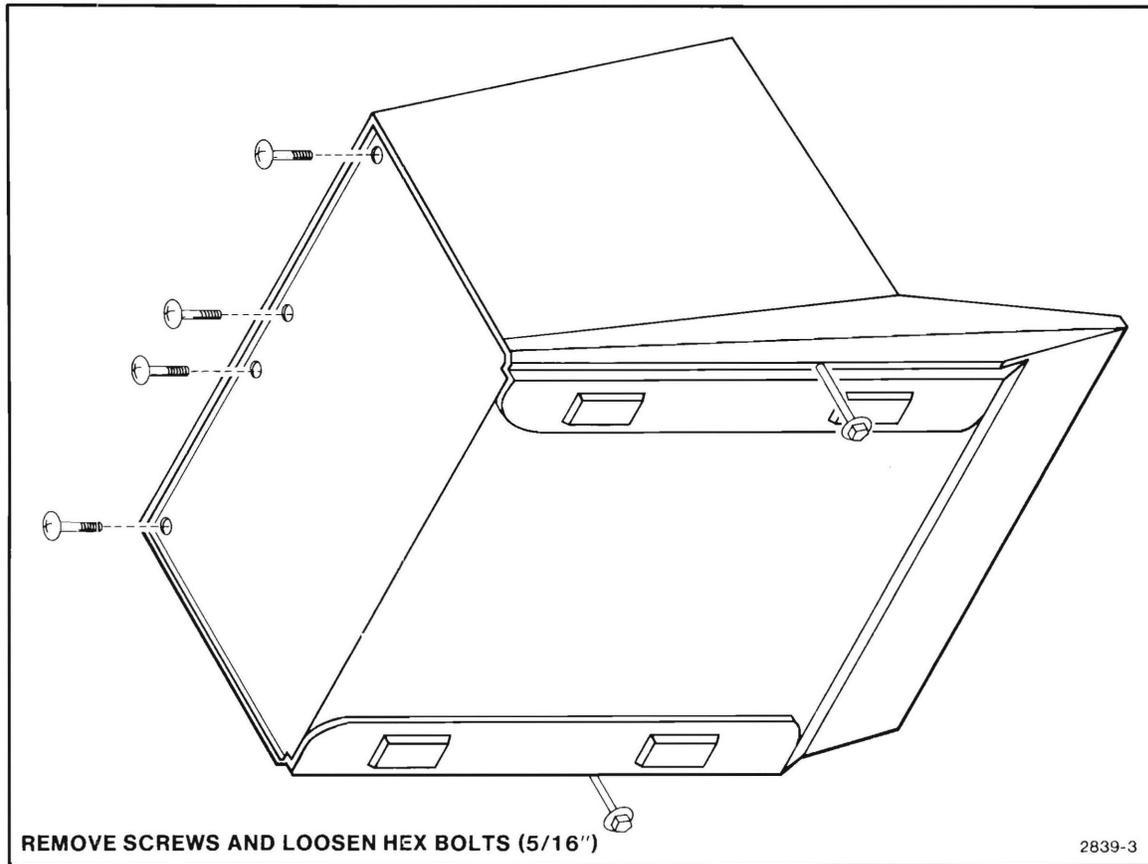
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**WARNING**

Make certain that the power cord is disconnected before you remove the cover. If you don't you may touch parts of the circuitry with the cover and receive a dangerous shock. The instrument could also be damaged.

Turn off the power and refer to Figure 2-2 for the location of the screws that secure the cover. Remove the screws and lift the cover off. Be careful not to hit circuit parts while removing the cover.

## CALIBRATION PROCEDURE



**Figure 2-2. 4054 Cover Removal Procedure.**

### PERFORMANCE CONDITIONS

The following conditions must be met before the 4054 display characteristics and performance specifications are valid:

1. The display must be adjusted at room temperature (68 to 86 degrees Fahrenheit or 20 to 30 degrees Celsius).
2. The display must have power applied for at least 30 minutes.

## Inspection Procedure

---

**WARNING**

Hazardous voltages are present in the 4054 circuitry. Only qualified service technicians should perform the following inspection procedure. BEFORE DOING THIS PROCEDURE, DISCONNECT THE POWER CORD AND WAIT 60 SECONDS; FAILURE TO DO SO MAY RESULT IN LETHAL ELECTRICAL SHOCK.

1. Check for loose, damaged, or improperly mounted hardware.
2. Make sure that circuit boards are installed in the correct slots.
3. Make sure that board level numbers are correct and that circuit modifications are installed correctly.
4. Check the crt and shield for foreign material and scratches.
5. Make sure the crt ground straps are screwed tightly to the chassis.
6. Check all wiring and harmonica connectors for proper installation.
7. Check edge connectors and Interconnect board pins for damage.
8. Check the crt filter for proper installation; make sure the ground clips are securely fastened.
9. Make sure that the crt socket is properly connected.

## CALIBRATION PROCEDURE

10. (4054 Standard Instrument) Check the strap settings on the High Voltage/Z-Axis board. Make sure both Z-Axis jumpers are set to the Z-0 position (toward U115). See Figure 2-3.

(4054 Option 31) Check the strap settings on the High Voltage/Z-Axis board. Make sure the settings are as follows:

<b>Jumper</b>	<b>Position</b>
Z-Axis jumper	Z-0 position (inner position)
90/100 jumper	100 position (middle position)
75/93/50 jumper	93 position (outer position)
J611	Jumpered between pins 2 and 3
J512	Jumpered between pins 1 and 2
J511	Jumpered between pins 1 and 2

Make sure that the board has a 1A fast blow fuse in place. See Figure 2-4.

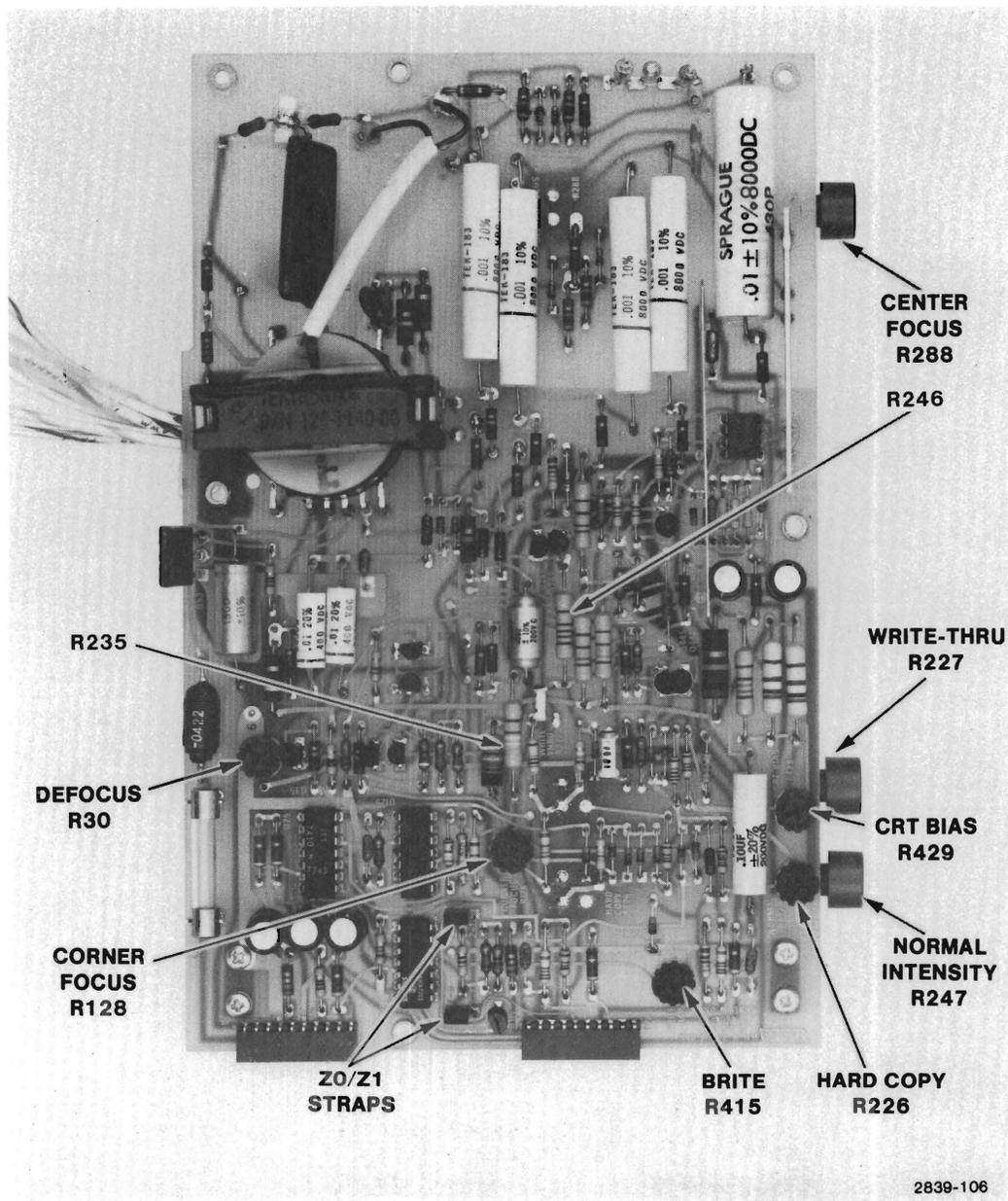


Figure 2-3. High Voltage/Z-Axis Board Strap Settings and Adjustments (Standard 4054).

CALIBRATION PROCEDURE

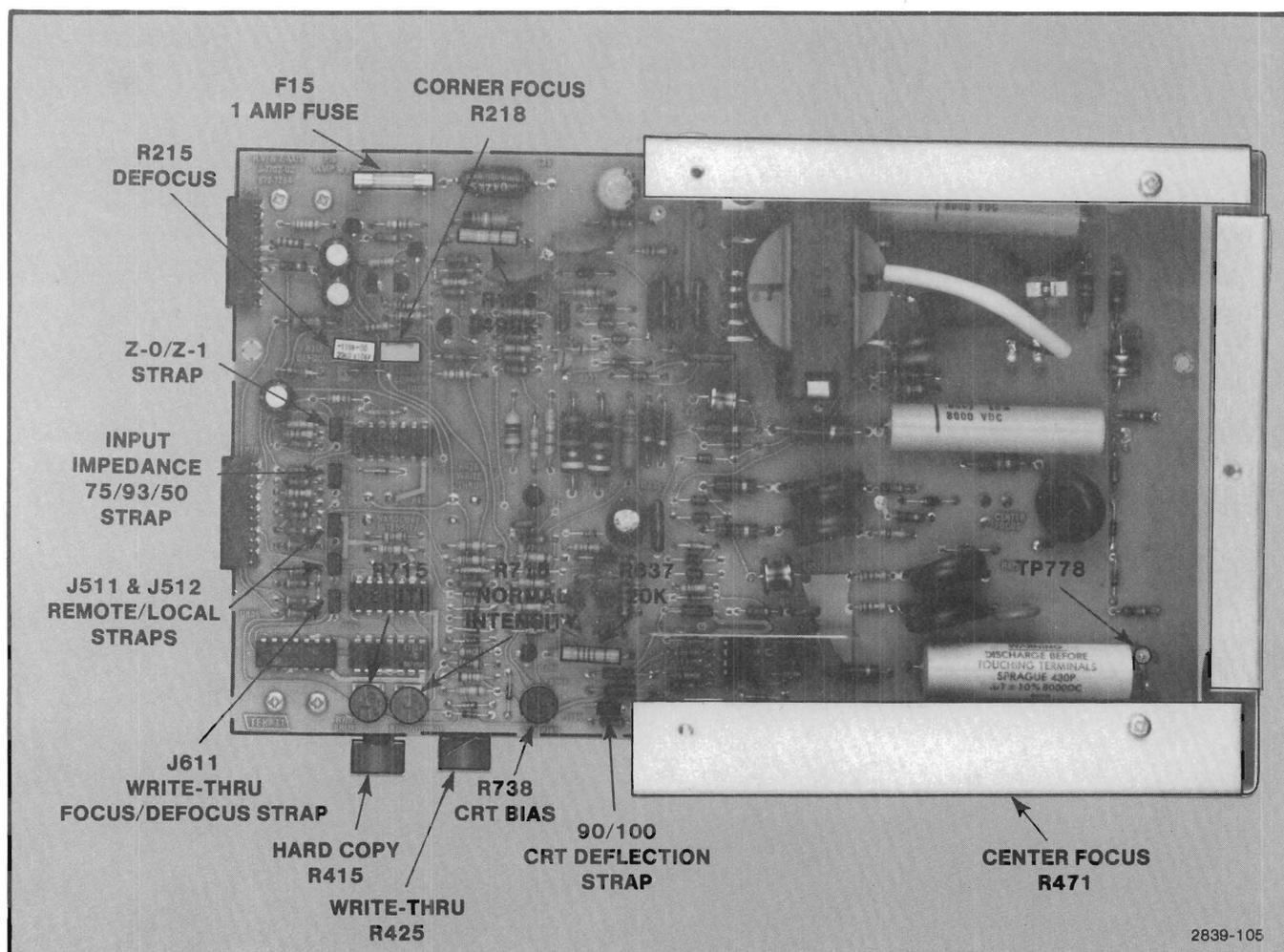
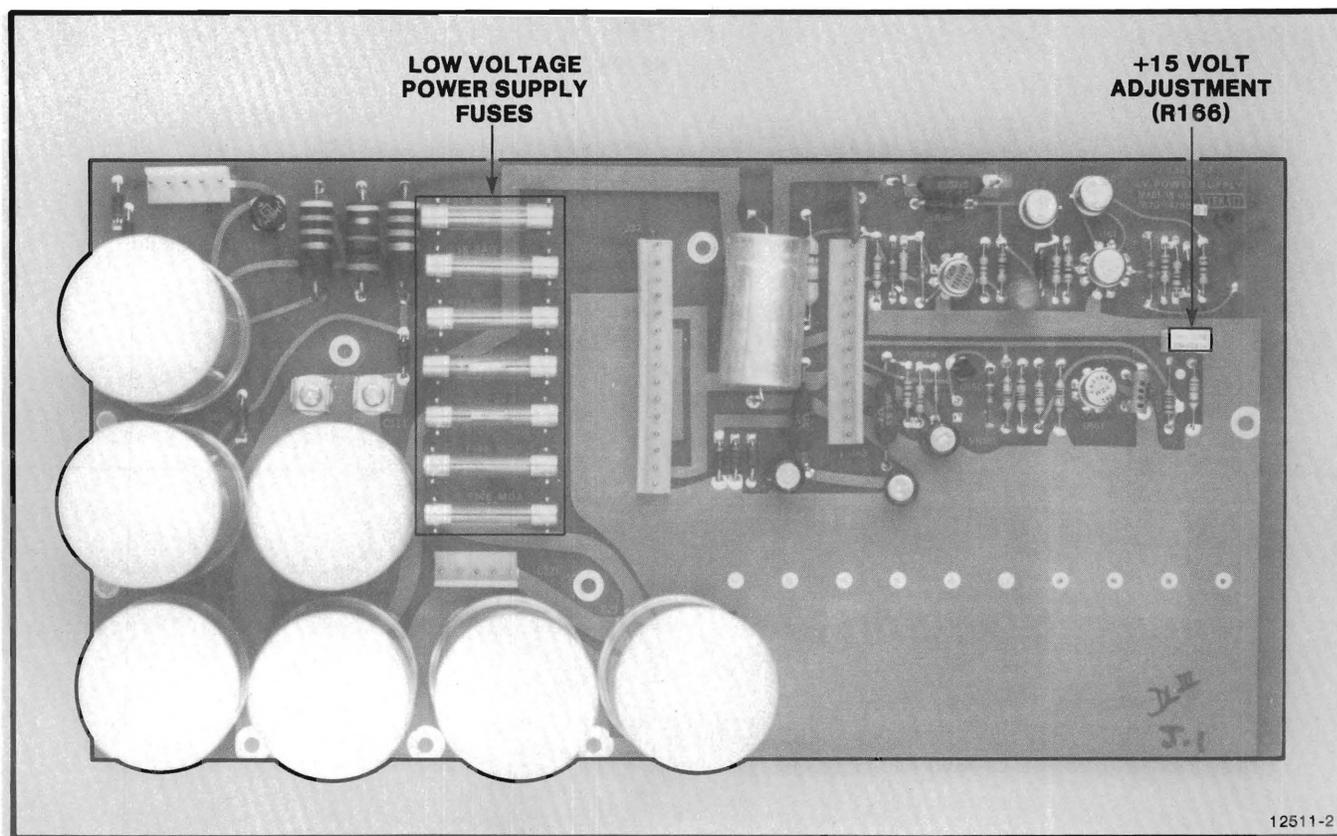


Figure 2-4. High Voltage/Z-Axis Board (4054 Option 31).



12511-2

**Figure 2-5. Low Voltage Power Supply Fuses and Adjustments.**

11. Perform the following checks on the Low Voltage Power Supply (LVPS) board. Check the cables from the power supply to the Interconnect board for defects. Make sure that all wiring is fastened securely. Make sure that the line fuse is securely seated. Also, make sure that the following fuses have the correct ratings and are installed properly. The location of these fuses is shown in Figure 2-5. The ratings are as follows:

**Standard 4054**

**4054 Option 31/Standard 4054**

F30 .15A fast  
 F35 .25A fast  
 F137 .15A fast  
 F139 2.0A fast  
 F141 2.0A fast  
 F144 5.0A slow  
 F146 4.0A slow

F30 .15A fast  
 F35 .25A fast  
 F137 .15A fast  
 F139 2.0A fast  
 F141 2.0A fast  
 F144 6.0A fast  
 F146 5.0A fast

CALIBRATION PROCEDURE

NOTE

Standard 4054's may have either version of the Low Voltage Power Supply board.

12. Check the strap settings on the Storage board. Make sure that the VIEW RESET jumper is set to the GB (lower) position and also that the Z-TRU-Z jumper is set to the TRU-Z (lower) position. Set the NORMAL/TEST jumper to the "N" (top) position. Figure 2-6 shows the location of these straps.

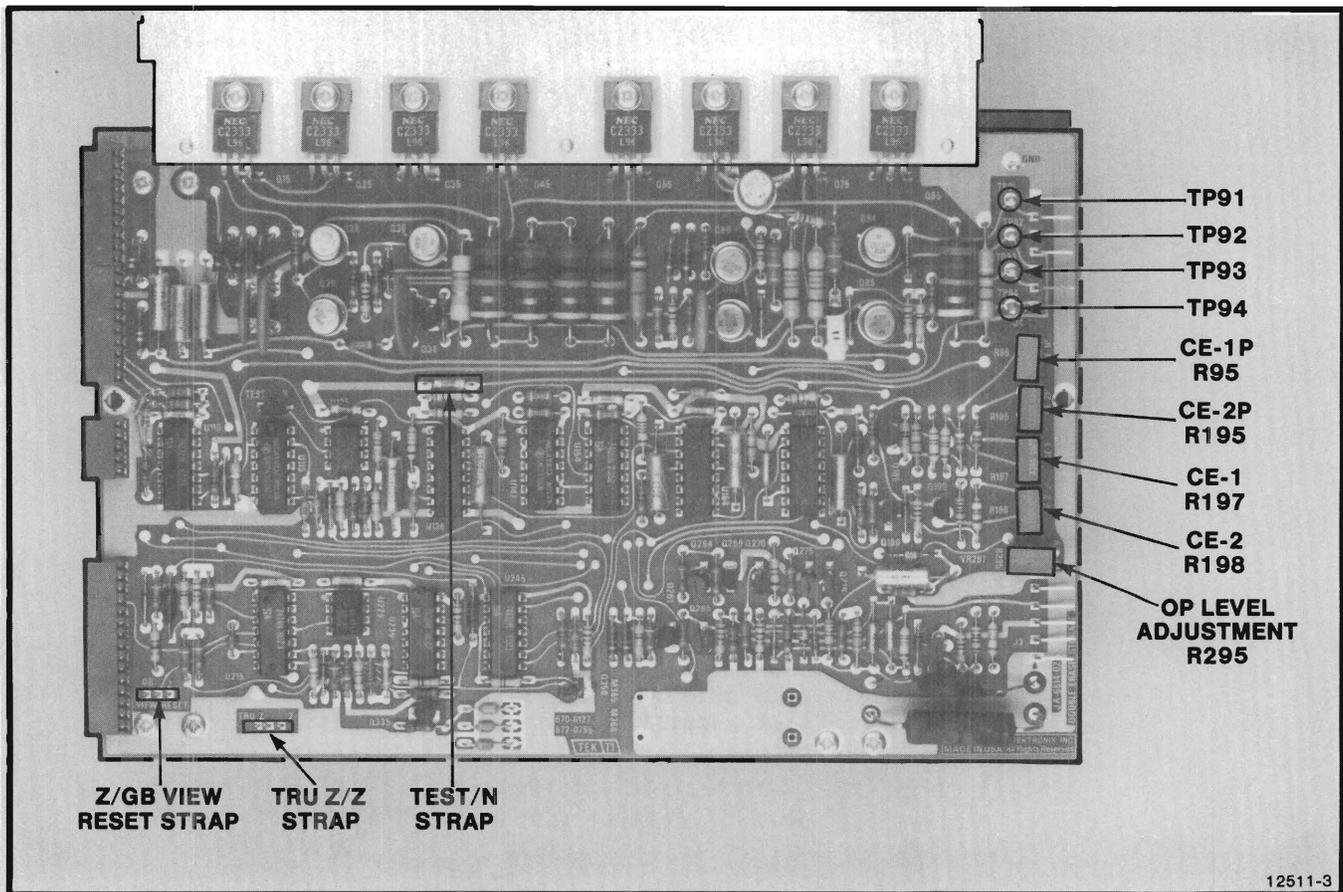


Figure 2-6. Storage Board Adjustments, Straps and Test Points.

## CALIBRATION PROCEDURE

13. Set the ANTI-BURN jumper to the IN (lower) position on the Deflection board (Figure 2-7).
14. Make sure that the harmonica plugs are correctly installed on the Hard Copy board, and that no parts are shorted together. Also, make sure that the Danger Warning is in place on the plastic shield. Check that the attaching screws are secure.

CALIBRATION PROCEDURE

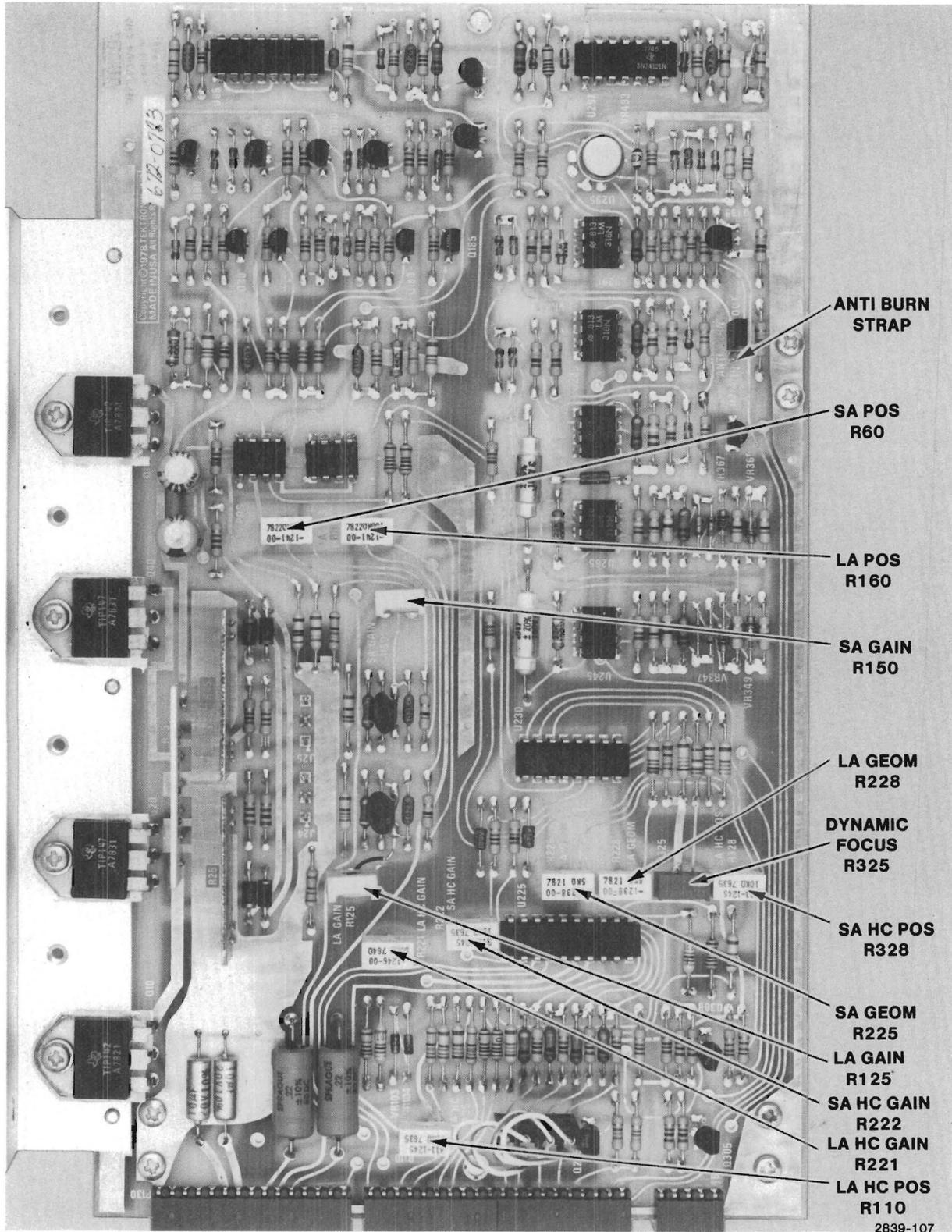


Figure 2-7. Deflection Amplifier Board Adjustment Points.

**POWER SUPPLY CALIBRATION****WARNING**

Use care in making these adjustments; it is possible to receive a dangerous shock from parts of the circuitry. It is also possible to damage the instrument by accidentally shorting parts of the circuitry together or to ground.

**Low Voltage Power Supply**

---

1. Connect the power cord to the ac voltage source.
2. Turn the 4054 POWER switch on.

**CAUTION**

Observe the crt for the first minute to insure that the beam does not remain in one spot with high intensity for more than a few seconds. This could cause a permanent deterioration of the crt phosphor in that spot. If a bright spot appears, turn off the 4054 immediately and refer to the crt bias adjustment.

3. Erase the crt by pressing the PAGE key.
4. Adjust the power supplies or check them by connecting a voltmeter between J65 (ground) and the pins on the Interconnect board called out in the following steps. The easiest place to measure some of the voltages is on the wide circuit runs directly behind J65 (Figure 2-8).
5. Adjust R166 (Figure 2-9) for a reading of 14.97 to 15.03V at J530 pin 12.

## CALIBRATION PROCEDURE

6. Check the 5V test point (Figure 2-8) for a reading of 4.85 to to 5.15V at J530 pin 13.

### NOTE

It is necessary to remove the front two securing bolts and fold back the hinge mounted circuit boards on the top of the instrument to adjust or check the two 12V supplies.

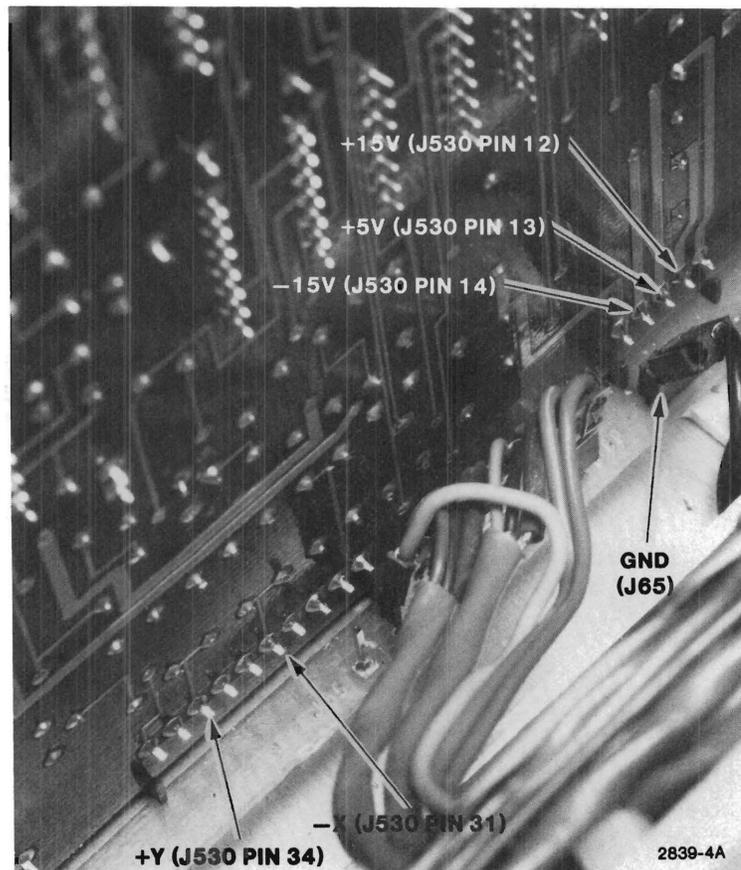


Figure 2-8. Power Supply Checkpoints.

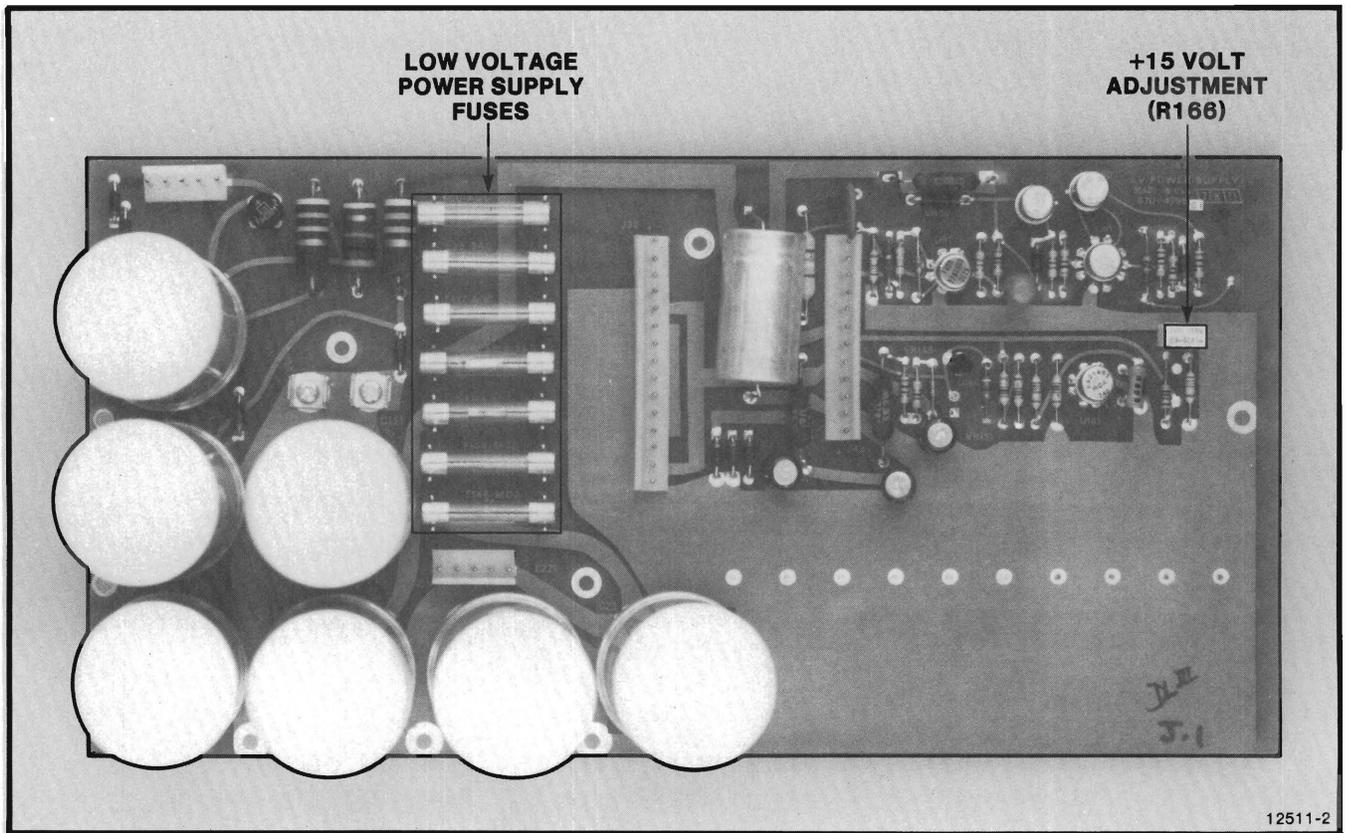


Figure 2-9. +15V Adjustment Point.

CALIBRATION PROCEDURE

7. Check the voltages on J119 on the I/O board for the tolerances listed below. J119 is located next to the voltage adjustment potentiometer (Figure 2-10).

J119 pin	Voltage
1 & 2	+12 Vdc $\pm 1.5\%$ (11.82 to 12.18V)
3	-12 Vdc $\pm 1.5\%$ (-11.82 to -12.18V)
4	GND

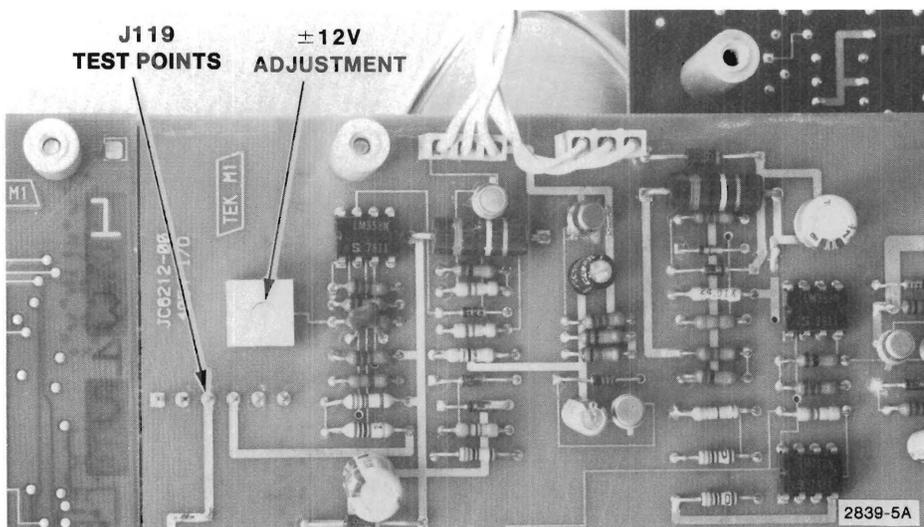


Figure 2-10. I/O Voltage Points.

8. Check the remaining voltage test points on the Interconnect board (Figure 2-11) for the following values:

Test Point	Value
J530 pin 14 (-15V reg.)	-14.85V to -15.15V
J530 pin 9 (+12V unreg.)	no tolerance (about +9V)
J530 pin 10 (-12V unreg.)	no tolerance (about -9V)
J530 pin 7 (+20V unreg.)	no tolerance
J530 pin 8 (-20V unreg.)	no tolerance
J10 pin 3 (+175V unreg.)	no tolerance
J10 pin 2 (+290V reg.)	+287.10V to +292.90V
J80 pin 1 (+490V unreg.)	no tolerance

9. Set up the oscilloscope to 0.5V/div, 10us/div, ac coupled; check to see that the following ripple voltages are within range. These are measured at the same Interconnect board test points as the dc voltages.

Test Point	Value
+15V (reg.)	5mV p-p max
-15V (reg.)	5mV p-p max
+5V (reg.)	10mV p-p max
+12V (unreg.)	1.5V p-p max
-12V (unreg.)	1.5V p-p max
+20V (unreg.)	1.2V p-p max
-20V (unreg.)	1.2V p-p max
+175V (unreg.)	7.0V p-p max
+290V (reg.)	100mV p-p max
+490V (unreg.)	5V p-p max

# CALIBRATION PROCEDURE

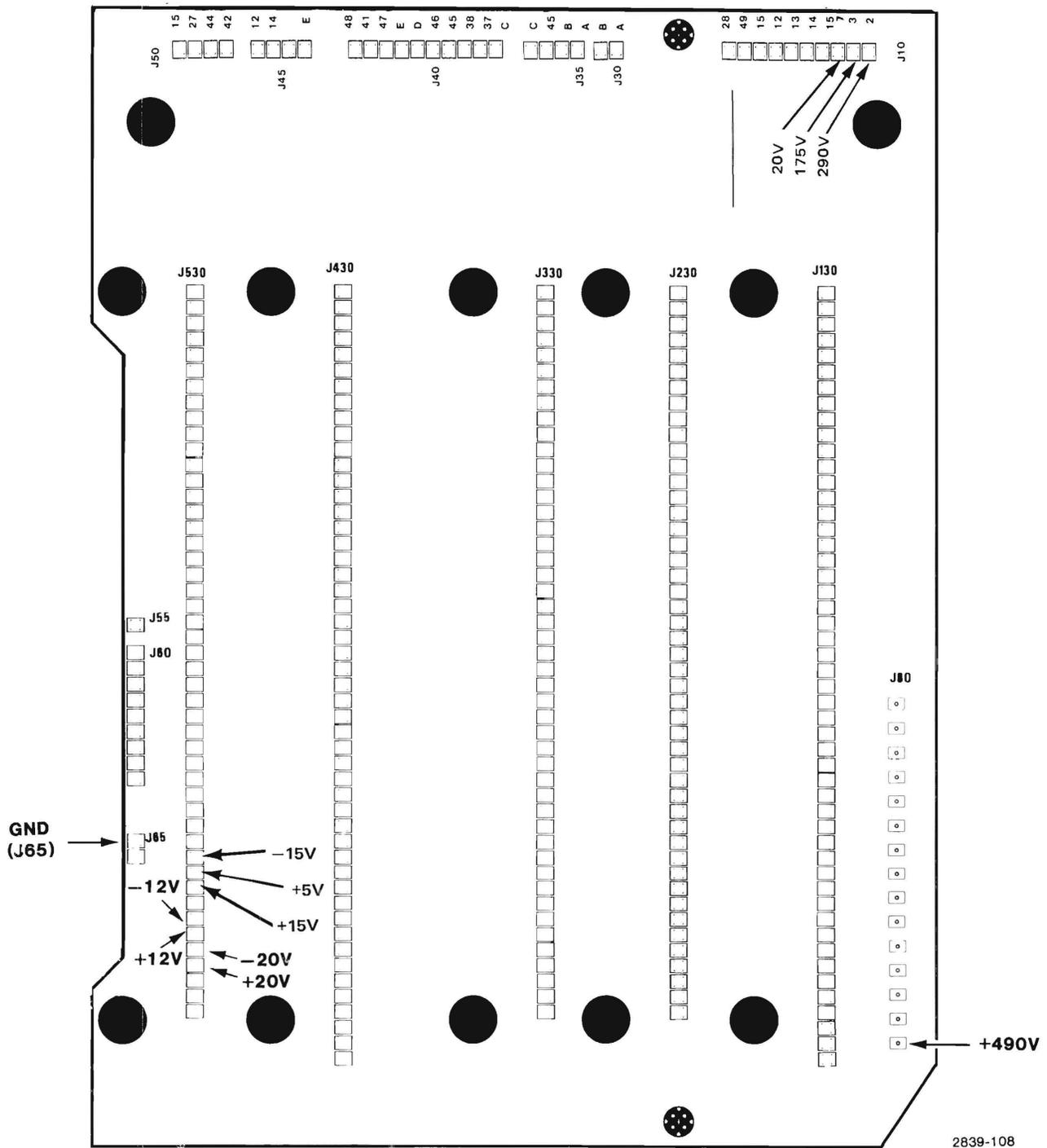


Figure 2-11. Interconnect Board.

## High Voltage Check

---

**WARNING**

The following measurement involves a potentially lethal voltage. Use extreme care when making this measurement.

1. Turn the ac power source off.
2. Connect the positive lead of the voltmeter to ground (J65 on the Interconnect board).
3. Use a voltmeter capable of measuring 6500V. Connect the negative lead through the top hole of the High Voltage/Z-Axis assembly to the lead of C475 (standard 4054) or TP778 (4054 Opt. 31). See Figures 2-3 and 2-4.

**NOTE**

For the standard 4054, use a sharp probe tip to penetrate the insulation on the capacitor lead.

4. Turn on the instrument.
5. Check the high voltage; it must be between -5700V and -6300V or you will have difficulty in making the display adjustments.

## CALIBRATION PROCEDURE

### DISPLAY CALIBRATION

#### NOTE

Because the High Voltage/Z-Axis board is different for the Option 31, refer to Figures 2-3 and 2-4 for potentiometer locations. The potentiometer number (R#) for the standard 4054 always appears first in the following procedure. It is followed by the number for the new High Voltage/Z-Axis board. The format is: R# standard 4054 / R# Option 31.

#### Storage Board Adjustments

---

All the test points and adjustments on the Storage board are located across the top edge of the Storage board (Figure 2-6).

1. Set the digital voltmeter to 200 Vdc range.
2. Connect the digital voltmeter probe to TP91 (the flood gun anode).
3. Check for a voltage of 142.5V to 157.5V.
4. Connect the digital voltmeter probe to TP94.

#### NOTE

Overhead lighting may affect how bright the crt seems to the viewer during the following adjustment.

5. Adjust R295 (the OP LEVEL adjustment at the top edge of the Storage board) so that the crt gets bright but does not store.

6. Note this voltage as the OP LEVEL voltage.
7. Remove the digital voltmeter probe from TP94 and connect it to TP93 (CE-2).
8. Adjust R198 (the CE-2 adjustment at the top edge of the Storage board) so that the flood gun pattern is within 1/4 inch from the crt target edge (edge of the phosphor).
9. Note this voltage (the CE-2 voltage); remove the probe from TP93 and attach it to TP92.
10. Adjust R197 (the CE-1 adjustment at the top edge of the Storage board) to illuminate the target background uniformly. Make sure the corners of the crt screen are at the same level of brightness as the center.
11. Check for oscillation in the background illumination. If background oscillation is present, readjust CE-1. CE-1 is typically 5 to 10V higher than CE-2. Note that there may be some interaction between R198 and R197.
12. Connect the digital voltmeter probe to TP91 (the flood gun anode).
13. Press the PAGE key. This should erase the screen.
14. Make sure that the flood gun anode voltage does not change during an erase of the screen.

### Storage Board Erase Waveforms

---

1. Set the oscilloscope as follows:
 

1. V/DIV	50V/DIV
2. TIME/DIV	0.1 SEC/DIV
3. TRIGGER SOURCE	CH1 (using 10X probe)
4. TRIGGER MODE	NORMAL
5. TRIGGER LEVEL	+
6. AC/GND/DC	DC

## CALIBRATION PROCEDURE

### WARNING

Always disconnect the ac power cord and wait at least 60 seconds before moving the test jumper on the Storage board or moving any jumpers on any boards. The capacitors on the Low Voltage Power Supply board discharge to a safe level in 60 seconds or more. As an added safety measure, it is a good idea to watch the +490 or the +290V supplies discharge using the DVM while the display is unplugged.

2. Turn off the 4054, disconnect the ac power cord, and wait at least 60 seconds before continuing.
3. Remove the test jumper (on the bottom of the Storage board) from the "N" position and place the jumper in the "TEST" position. The jumper may be left in the TEST position while making oscilloscope waveform checks on the Storage board but must be moved back to the "N" position when making voltage checks with the digital voltmeter. If the jumper is not used in the TEST position, the crt screen must be erased for each waveform check.
4. Reconnect the ac power cord and turn the 4054 on.
5. Note that the crt goes into Hold mode and erases every three seconds.
6. Set the oscilloscope trigger mode to "AUTO".
7. Adjust the oscilloscope vertical positioning so that ground reference is lined up with the second graticule line from the bottom of the oscilloscope screen.
8. Set the trigger mode to "NORMAL".
9. Connect the oscilloscope probe to TP94.

10. Refer to the target erase waveform (Figure 2-12) and do the following:
  - a. Verify that the second positive-going ramp (c) is between 600 and 900ms long.
  - b. Verify that the most negative portion of the waveform falls between 0V and +50V.
  - c. Verify that the pulse height (a) is 135V to 165V above the OP LEVEL. For example, if the OP LEVEL is 150V, the pulse height must be between 285V and 315V.
11. Set the oscilloscope time/div adjustment to 20 ms/div.
12. Observe the first ramp shown as (b) in Figure 2-12.
13. Refer to Figure 2-13, which shows the first ramp of the target erase waveform in more detail.
  - a. Verify that the time between pulses is 85ms to 115ms.
  - b. Verify that the ramp time is a minimum of 65ms. Also make sure that the end of the ramp is not less than 80% of the OP LEVEL value. For example, if the OP LEVEL is 150V, the end of the first ramp should not fall below 120V (0.8 x 150V).

CALIBRATION PROCEDURE

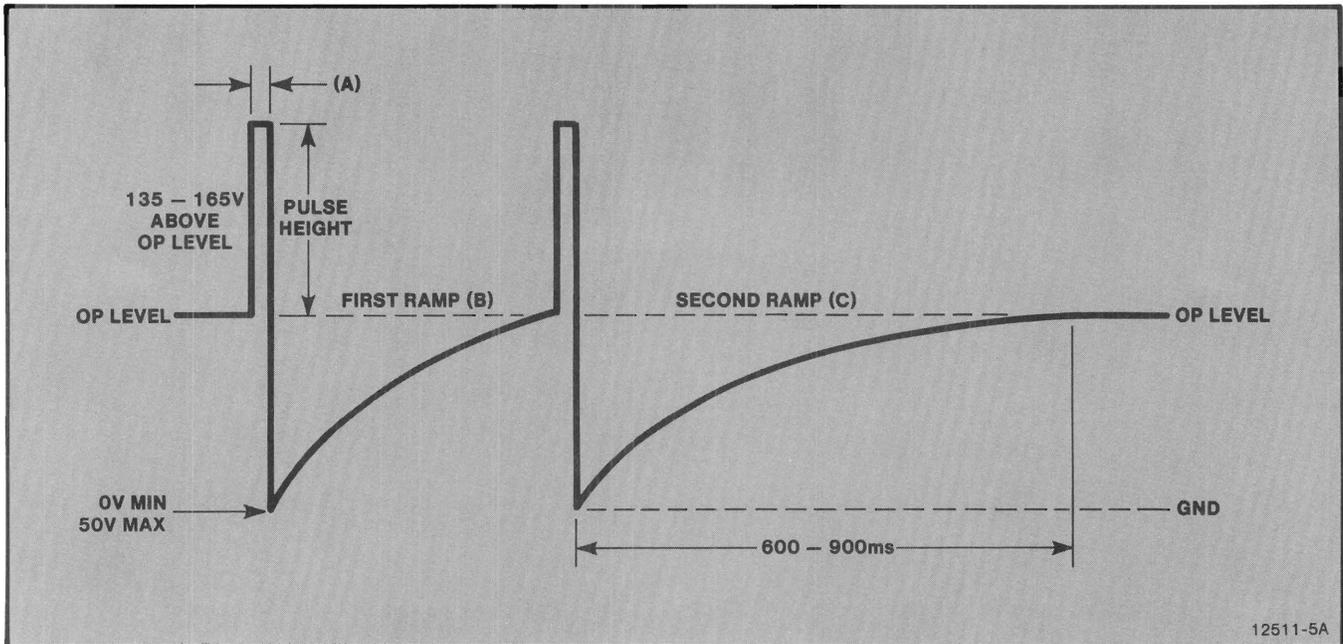


Figure 2-12. Target Erase Waveform.

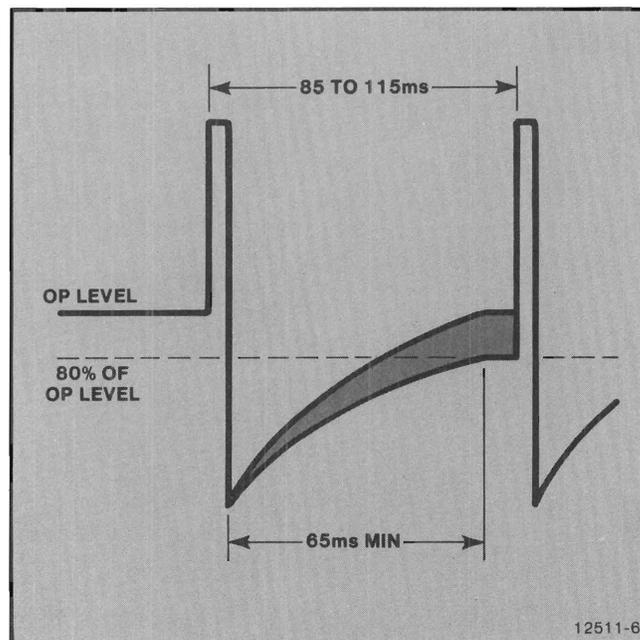
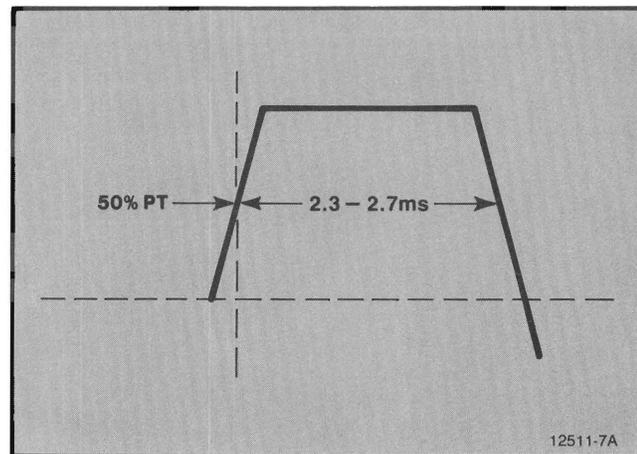


Figure 2-13. First Ramp of Target Erase Waveform.

14. Set the oscilloscope time/div adjustment to 0.5 ms/div.
15. Adjust the oscilloscope so that the OP LEVEL trace is at the center of the oscilloscope graticule.
16. Observe the pulse waveform shown in Figure 2-14. This waveform is also indicated as (a) in Figure 2-12.
17. Verify that the pulse, as measured from half way up its rising and falling edges, has from 2.3ms to 2.7ms pulse width. (This check measures both positive pulses).



**Figure 2-14. Target Erase Pulse Waveform.**

18. Connect the oscilloscope probe to TP93.
19. Set the oscilloscope time/div adjustment to 50 ms/div.

## CALIBRATION PROCEDURE

20. Do the following using the waveform in Figure 2-15:
- Verify that the first ramp time is greater than 70ms. Also, make sure that the end of the ramp is at least 75% of the CE-2 level. For example, if the CE-2 level is 60V, the end of the first ramp should not fall below 45V ( $0.75 \times 60V$ ).
  - Verify that the second ramp is 70 to 120ms long.
  - Verify that the beginning of both ramps is between 0V and +30V.
  - Verify that the time between pulses is 85ms to 115ms.

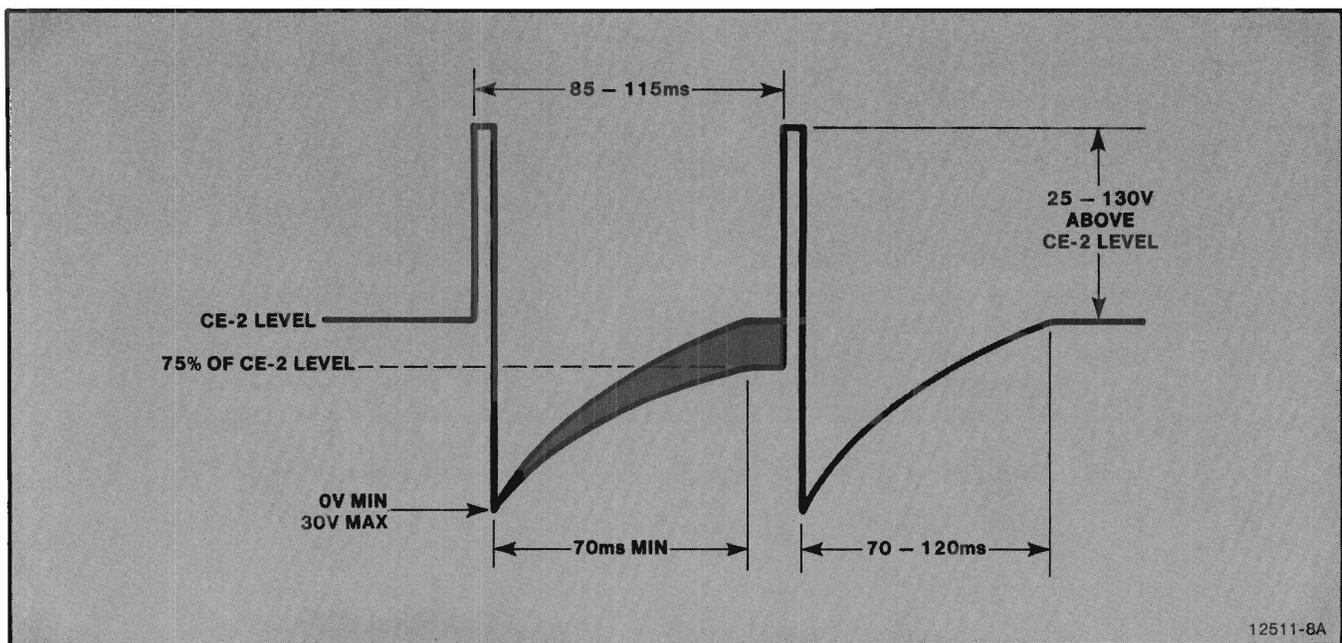
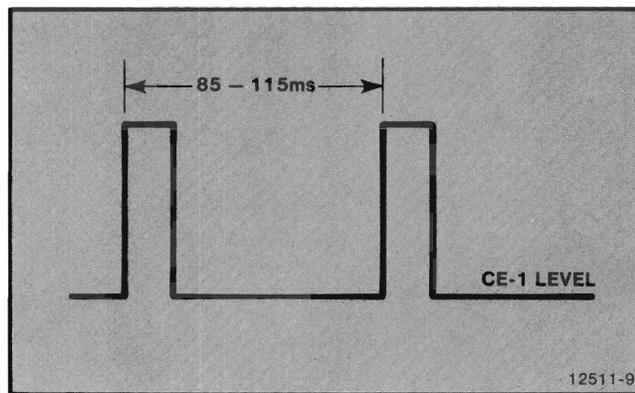


Figure 2-15. CE-2 Waveform.

21. Connect the oscilloscope probe to TP92.
22. Set the oscilloscope time/div adjustment to 20 ms/div.
23. Observe the waveform in Figure 2-16 and make sure that the time from the beginning of the first pulse to the beginning of the second pulse is 85 to 115ms.



**Figure 2-16. CE-1 Waveform.**

24. Adjust R95 (CE-1 pulse control on the top edge of the Storage board) while erasing the crt and observe the edges of the crt for full coverage. Usually, the erase covers the full screen when R95 is turned fully clockwise or very close to fully clockwise. If no change is noticed during this adjustment, leave R95 adjusted at 90% clockwise.
25. Adjust R195 (CE-2 pulse control at the top edge of the Storage board) while erasing. At the same time, make sure that the erase extends fully to the corners of the screen.

## CALIBRATION PROCEDURE

### NOTE

The OP LEVEL, CE-1, and CE-2 adjustments interact. Because of this, slight readjustment of the OP LEVEL, CE-1 level, CE-2 level, and CE-2 pulse may be required to make the crt screen look right. Readjust if necessary for proper background appearance, full screen target coverage, and full screen erasing.

26. Turn off the 4054, disconnect the ac power cord, and wait 60 seconds before continuing.

### WARNING

Always disconnect the ac power cord and wait at least 60 seconds before moving the test jumper on the Storage board or moving any jumpers on any of the boards. The capacitors on the Low Voltage Power Supply board discharge to a safe level in 60 seconds or more. As an added safety measure, it is a good idea to watch the +490 or the +290V supplies discharge using the DVM while the display is unplugged.

27. Remove the test jumper from the "TEST" position and reinstall it in the "N" position.
28. Reconnect the ac power cord and apply power to the 4054.

### Flood Gun Anode

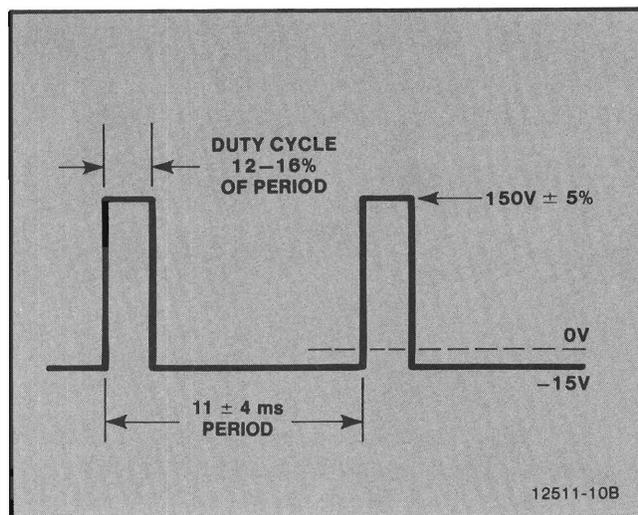
1. Connect the oscilloscope probe to TP91 on the Storage board.
2. Set the oscilloscope time/div adjustment to 2 ms/div.

3. Press the PAGE key. This restarts the Hold mode timer.
4. Verify that the terminal enters Hold mode 90 to 135 seconds after pressing the PAGE key.
5. Refer to the waveform in Figure 2-17 while the crt is in Hold mode.

**NOTE**

**Timing specifications will appear in the following format: standard 4054/4054 Option 31.**

- a. Verify that the positive pulse is 10 to 15% / 12 to 16% of the period of the waveform. This represents a duty cycle of 10-15% / 12-16%. It may be easier to see if the time/div. on the oscilloscope is taken out of the calibrated position and the positive and negative transitions of the waveform are aligned with the graticule of the oscilloscope. The period of the waveform, however, must have a real time of 8.3 to 12.5ms / 7 to 15ms.
- b. Verify that the most negative part of the waveform is -15V.



**Figure 2-17. Flood Gun Anode Waveform.**

## CALIBRATION PROCEDURE

6. Connect the digital voltmeter probe to Pin 43 "DBUSY" on the Interconnect board (see Figure 2-11).
7. Check for less than 0.8V (TTL low) during Hold mode.
8. Remove the oscilloscope probe from the Storage board.

### Crt Bias Adjustment (R429/R738)

---

**WARNING**

Always disconnect the ac power cord and wait at least 60 seconds before moving the ANTI-BURN strap on the Deflection Amplifier board or moving any jumpers on any of the boards. The capacitors on the Low Voltage Power Supply board discharge to a safe level in 60 seconds or more. As an added safety measure, it is a good idea to watch the +490 or the +290V supplies discharge using the DVM while the display is unplugged.

1. Disconnect the ac power cord and wait 60 seconds before continuing.
2. Change the ANTIBURN strap on the Deflection Amplifier board from the "IN" position to the "OUT" position. See Figure 2-7.
3. Reconnect the ac power cord and reapply power to the 4054.
4. Use the cursor for the following adjustments.

#### NOTE

For the location of the following High Voltage/Z-Axis board adjustments, refer to Figures 2-3 and 2-4.

**CAUTION**

Do not allow a bright bias dot to burn the crt!

5. Adjust R429/R738 (the CRT BIAS adjustment in the middle right of the High Voltage/Z-Axis board) slowly clockwise until a low intensity dot appears in one corner of the cursor.
6. Readjust R429/R738 until the dot just disappears. Erase the display if the dot stores while making the CRT BIAS adjustment.

**FOCUS ADJUSTMENT**

Key in this program:

```

100 INIT
110 PAGE
120 DELETE L1,L2,T1,T2
130 RESTORE 140
140 DATA 0,100,0,0,16.25,0,16.25,100,32.5,100,32.5,0,48.75,0,48.75,100
150 DATA 65,100,65,0,81.25,0,81.25,100,97.5,100,97.5,0,113.75,0
160 DATA 113.75,100,130,100,130,0
170 DATA 0,0,0,16.67,130,16.67,130,33.33,0,33.33,0,50,130,50
180 DATA 130,66.67,0,66.67,0,83.33,130,83.33,130,100,0,100
190 DATA 0,0,130,0,130,100,0,100
200 DELETE T1
210 DIM T1(70)
220 READ T1
230 MOVE 0,100
240 PRINT @32,30:3
250 PRINT @32,20:T1
260 PRINT @32,30:1
270 PRINT @32,20:T1
280 GO TO 240

```

Run the program and a 6 by 8 grid will be displayed.

**CAUTION**

Do not display the 6 by 8 grid pattern for extended lengths of time; screen phosphor damage may occur.

## CALIBRATION PROCEDURE

1. Center focus
  - a. Using the 6 by 8 grid pattern adjust center focus using R288/R471 on the High Voltage board for sharp center lines.
2. Corner focus
  - a. Adjust R128/R218 on the High Voltage board for sharp corner lines.
3. Dynamic focus
  - a. Set the scope as follows:

1. CH1	10V/DIV.
2. TIME/DIV	10ms/DIV.
3. VERT MODE	CH1
4. TRIGGER SOURCE	CH1
5. TRIGGER MODE	AUTO
  - b. Put the scope probe on the upper end of R26 on the High Voltage board.
  - c. Adjust the corner focus pot (R128/R218) on the High Voltage board and adjust dynamic focus R325 on the Deflection Amp. board so the voltage level at the bottom of the waveform does not change and is not clipped.
  - d. Increase the sensitivity of the scope to 5V/div and the TIME/DIV to .2 sec/div.
  - e. Repeat step (c) until the corner focus adjustment has no effect on the center focus portion (the bottom of the waveform) when corner focus is adjusted from one stop to the other.
4. Repeat center and corner focus procedure, trying to make all the lines equally sharp and thin as possible.

**Normal Intensity (R427/R716)**

---

Connect a 10X probe to the upper end of R246/R637 on the High Voltage/Z-Axis board (see Figure 2-3 and 2-4). Run the program for dynamic focus and adjust the pulse at this point to an amplitude of 60V with the normal intensity control.

**Brite Intensity (R415/R715)**

---

Adjust the pulse that appears at the upper end of R246/R637 to 10V higher than the Normal Intensity setting. Press BREAK to stop the program.

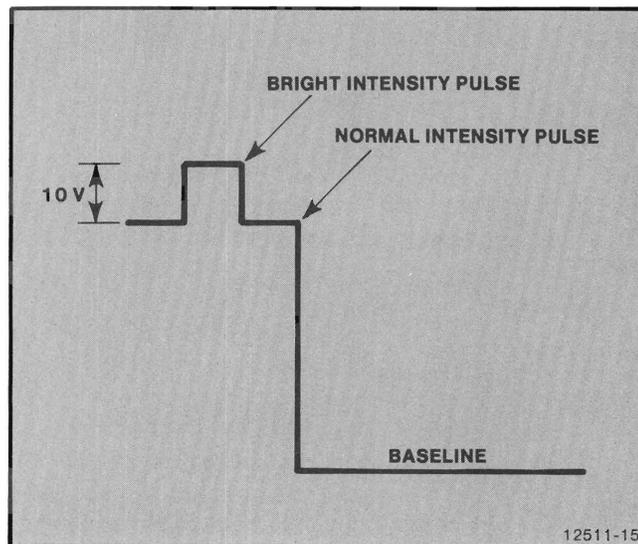


Figure 2-18. Brite Intensity Pulse.

## CALIBRATION PROCEDURE

### DEFOCUS AND WRITE THRU INTENSITY

Key this program into the 4054:

```
4 F5=1
5 F6=0
6 GO TO 100
8 F5=0
9 F6=1
10 GO TO 100
100 PAGE
110 RINIT
120 IF F6=0 THEN 310
130 PRINT @32,30:0
140 T2=55
150 T3=44
160 PRINT @32,21:12,T3
170 PRINT @32,3:1
180 PRINT @32,1:1,0
190 FOR L1=0 TO 294*.032 STEP 4*.032
200 PRINT @32,21:T2,T3+L1
210 PRINT @32,20:T2+294*.032,T3+L1
220 NEXT L1
230 PRINT @32,21:T2+12,T3
240 FOR L1=0 TO 294*.032 STEP 5*.032
250 PRINT @32,21:T2+12,T3+L1
260 PRINT @32,20:T2+12+294*.032,T3+L1
270 NEXT L1
280 PRINT @32,2:1
290 PRINT @32,1:1,1
300 END
310 PRINT @32,30:0
320 T1=0
330 FOR L1=70 TO 20 STEP -18*10*.032
340 T1=NOT(T1)
350 PRINT @32,21:0,L1+2.7
360 IF T1=0 THEN 390
370 PRINT "          NO BRIDGING ALLOWED!"
380 GO TO 400
390 PRINT "          BRIDGING REQUIRED!"
400 IF T1=0 THEN 420
410 T1=2
420 FOR L2=0.32 TO 0 STEP -.032
430 PRINT @32,21:30,L1+L2*(8+T1)
440 PRINT @32,20:100,L1+L2*(8+T1)
450 NEXT L2
460 NEXT L1
470 END
```

1. Defocus Adjustment for Standard Display:

Push USER DEFINABLE key 1 and adjust R34 until fine lines merge, and coarse lines do not merge. Press USER DEFINABLE key 1 to repeat.

2. Defocus Adjustment for Option 31 Display:

Push USER DEFINABLE key 2 and adjust the R215 Defocus pot until fine lines merge, and coarse lines do not merge. Press USER DEFINABLE key 2 to repeat. Adjust Write Thru intensity R425 down if pattern stores, and repeat.

3. Write Thru Intensity Adjustment:

Break the program, press the PAGE key and key in the following:

POINTER X,Y,Z\$

Adjust Write Thru adjustment just below keyboard (next to power switch) to mid-range. Adjust Write Thru Intensity adjustment pot (R227/R425) for maximum write thru intensity without storing. You may have to adjust the thumbwheels to position the cursor on the screen.

**Origin Shift Check**

---

Press the PAGE key repeatedly and note the cursor moves in eight small steps. The cursor moves back to the original starting point once in every eight pages of the screen.

## CALIBRATION PROCEDURE

### Vector Generator Adjustments

---

Key this program into the 4054:

```
4 GO TO 100
100 INIT
110 MOVE 0,100
120 DRAW 130,100
130 DRAW 130,0
140 DRAW 0,0
150 DRAW 0,100
160 DRAW 0,50
170 DRAW 130,50
180 DRAW 130,0
190 DRAW 65,0
200 DRAW 65,100
210 GO TO 100
```

Press USER DEFINABLE key 1. A rectangle with lines crossing in the center will appear.

Connect a 10X probe to Pin No. 26 on the back side of the Display Controller Board. The vertical deflection signal that appears here should have an amplitude of 10 Volts peak-to-peak with the horizontal line in the center of the waveform at 0 Vdc. R421 on the Vector Generator board sets the waveform amplitude and R321 sets the center DC level.

Move the 10X probe to pin No. 23 on the back side of the Display Controller Board. The horizontal deflection signal seen here should have an amplitude of 7.5 Volts p-p. The horizontal line in the center of the waveform should be at 0 Vdc. R621 on the Vector Generator Board sets the waveform amplitude and R715 sets the DC level.

### Deflection Amplifier Adjustments (Figure 2-7)

---

Install the calibration graticule. The Bezel will have to be removed to install the graticule.

**WARNING**

Use the insulated screwdriver for making these adjustments. If you accidentally drop an uninsulated screwdriver on the Interconnect Board you can cause damage to the instrument.

Adjust LA POS (R160) and SA POS (R60) to align the center of the displayed pattern to the center of the graticule. It may be necessary to loosen the yoke clamp and rotate it to align the center vertical and horizontal lines with the graticule.

Adjust the LA GEOM (R228) and SA GEOM (R225) LA GAIN (R125) and SA GAIN (R150) to get the pattern to align with the test graticule. These adjustments interact and may have to be adjusted several times.

**Vector Start and Stop Adjustments (R455 & R355)**

---

These two adjustments are at the top edge of the Display Controller board. Position the cursor to the center of the screen. Adjust these two controls to close the corners of the cursor box, but not to overlap. Overlap makes bright dots at the cursor corners.

**Dropout**

---

Key in this program:

```
4 PRINT "8";  
5 RUN
```

**NOTE**

This will be referred to as the hard copy pattern.

## CALIBRATION PROCEDURE

1. Display the hard copy pattern using the program above; wait 2 1/2 minutes. This allows the display to drop into Hold Mode.
2. Bring the display out of Hold Mode by pressing the SHIFT key.
3. Increase the OP LEVEL adjustment or the Normal Intensity adjustment or both in 5V increments if breaks occur in the hard copy pattern. Page the screen to repeat the hard copy pattern for the best picture with a minimum number of breaks. An example of drop out is shown in Figure 2-19.
4. Check Focus again if Normal Intensity adjustments are made.
5. Check the CE-1, CE-2, display gain, and positioning adjustments if OP LEVEL adjustments are made.

**CAUTION**

Do not allow more than 70V p-p for Normal Intensity. Brite Intensity is always set at 10V above Normal Intensity.

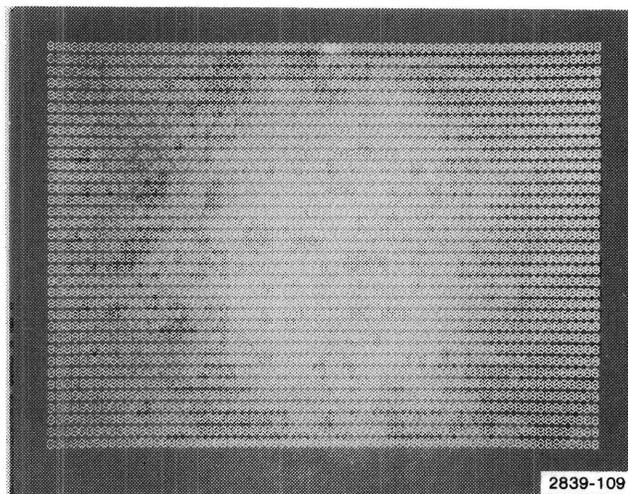


Figure 2-19. Display Conditions.

6. Set scope as follows:
  1. CH1                                20V/DIV
  2. TIME/DIV                         10ms/DIV
  3. VERT MODE                        CH1
  4. TRIGGER SOURCE                 CH1
  5. TRIGGER MODE                    AUTO
7. When the display goes into Hold mode, put the scope probe on J4 pin 6 and verify the view hold waveform for a period of 8.3ms to 12.5ms / 7ms to 15ms.
8. Decrease the TIME/DIV to 50us/div and check for a 12 to 16% pulse duty cycle.
9. Press SHIFT key to return display back to View Mode. Check and verify that there is no drop out, fade out or flood up.

#### **HARD COPY ADJUSTMENTS**

(This section of the adjustment procedure is not necessary if no hard copy unit is used.)

#### **Hard Copy Intensity**

---

Connect a hard copy unit to J41 (on back of 4054) and allow the unit to warm up.

## CALIBRATION PROCEDURE

Display the hard copy pattern using the program above. When the screen is full of 8's, press the MAKE COPY key on the 4054. As the line crosses the screen, adjust the Hard Copy Intensity control for a line intensity just below the storage level. The control is located near the power switch below the keyboard. The Hard Copy Intensity control located on the High Voltage/Z-Axis board should be left at mid-range.

### **Hard Copy Position Controls (Figure 2-7)**

---

Press the 4054 MAKE COPY key and adjust the LA HC POS (R110) and the SA HC POS (R328) for full display coverage by the hard copy sweep, both horizontally and vertically. These controls are on the Deflection Amplifier board. The SA HC GAIN (R222) and the LA HC GAIN (R221) may also have to be adjusted to achieve complete display coverage. It may be necessary to press MAKE COPY several times to complete the adjustments.

### **Hard Copy Threshold**

---

Press the BREAK key to stop the hard copy pattern. Key in from the keyboard CHA 1 to get the smallest size letters.

Press USER DEFINABLE key 1 to fill the screen with 8's and adjust R26 (Hard Copy Amplifier board) for the best copy of the pattern. The smallest characters should be easily readable. Page the screen and make a copy with nothing stored on the screen. Look for black dots (noise) on the blank areas of the paper and adjust R26 for minimum noise with good copy.

### **Tape Drive Calibration**

---

This section of the calibration procedure describes the adjustments of the Tape Drive board. Locations of adjustments are shown in Figure 2-20. If the Tape Head Alignment Module (067-0969-00) is used, see the Tape Head Alignment Module Instruction Manual for additional information.

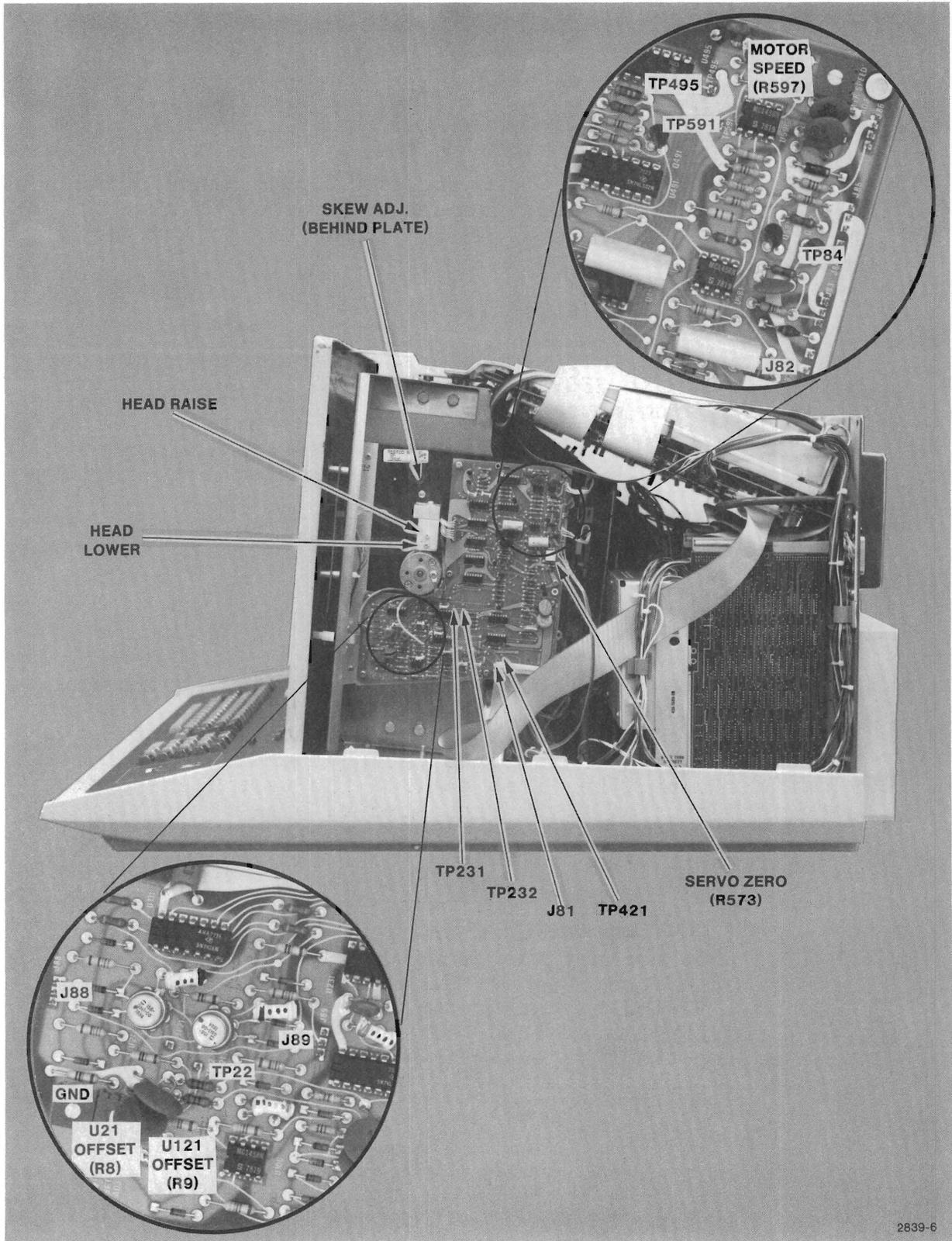


Figure 2-20. Tape Drive Checkpoints and Adjustments.

## CALIBRATION PROCEDURE

Be careful not to drop the head adjustment tape, as it may misalign the mechanical parts and make it inaccurate. This also applies to any of the tapes used with the system.

Always spool the test tape from one end to the other before making any head adjustments. Increased accuracy is also obtained by tilting the 4054, 15 to 30 degrees to the right.

### 1. Amplifier DC Adjustments:

With no tape inserted, place the voltmeter probe on TP591. Adjust SERVO ZERO (R573) for 0V +50mV. There should be no motor movement.

Move the voltmeter probe to TP21. Set U21 Offset adjustment (R8) for 0V +50mV.

Move the voltmeter probe to TP22. Set U121 Offset adjustment (R9) for 0V +50mV.

### 2. Motor Speed Adjustment:

Insert the calibration tape (067-0781-02) and press the AUToload button. The tape will move at 30 inches per second for approximately 2 minutes. A continuous 10khz on both channels is recorded on the last half of the tape. The first half of the tape is recorded with bursts of 10khz separated by erased zones. Adjust the motor speed during the last half of the calibration tape while the 10khz is continuous.

Set the Motor Speed pot (R597) for 10khz +1.0% (9.9 - 10.1 khz) as measured on the frequency counter at TP231. Do not set the speed during the 10khz burst section of the tape or the motor speed will be wrong. Rewinding occurs automatically when the end of the tape is reached, or can be expedited by ejecting the tape and reinserting it followed by pushing the REWIND button. To start the tape forward again, push AUToload.

### 3. Head Skew and Height Adjustments:

Head skew is set during the second half of the calibration tape and procedures for replaying the continuous 10khz section are the same as previously described.

As the tape is running, set the scope for 10 $\mu$ s, 2 V/cm. Trigger on the negative edge of the CH1 waveform. Adjust Skew (see Figure 2-20) with an Allen wrench until the waveforms are aligned as in Figure 2-21. Turn off the power and swap connectors J88 and J89 to see if the skew pulses are still aligned. The differences in alignment between these two measurements are caused by electronically induced skew. This induced skew should not be more than 1 $\mu$ s. Adjust for half of the skew difference. Move the probes to TP231 and TP232 to check that the skew at that point is less than  $\pm 500$ ns.

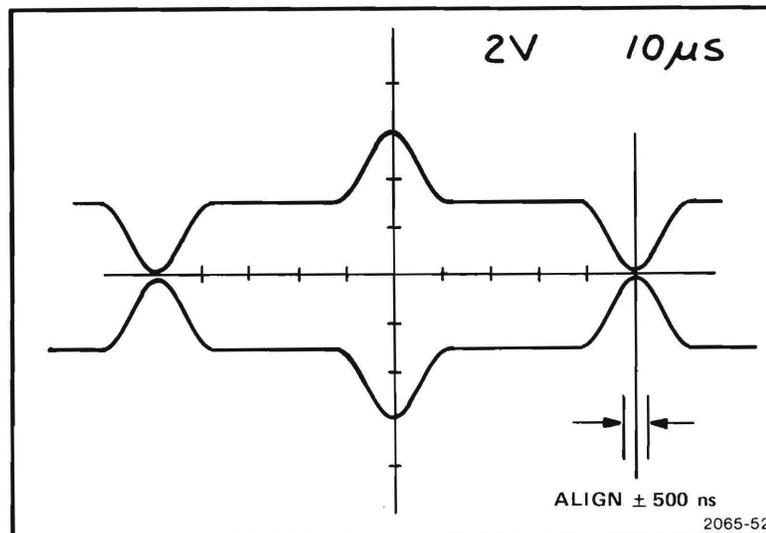


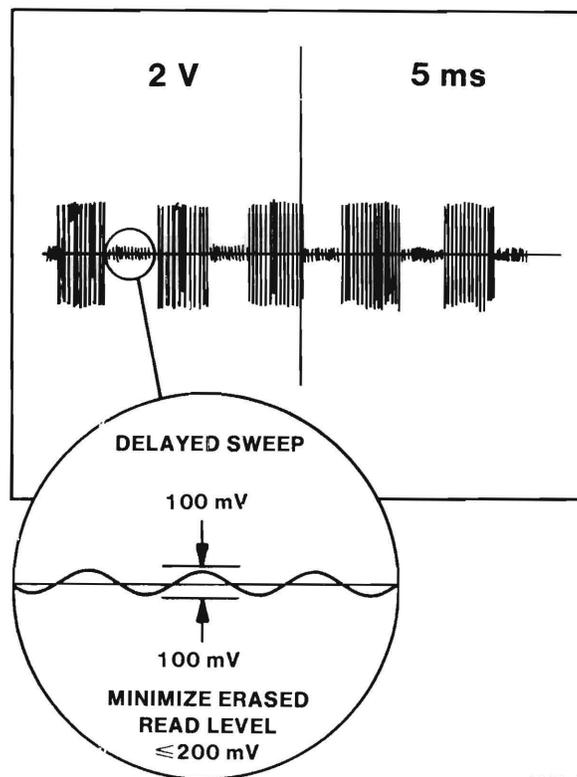
Figure 2-21. Magnetic Tape Skew Waveforms.

Turn the power off and restore J88 and J89 to their original positions. (The grey plug with the red wires goes to J88) Skew adjustments and head height (right and left positioning) affect each other and the adjustments may have to be rechecked.

## CALIBRATION PROCEDURE

Head height is set during the first half of the calibration tape which contains alternate zones of 10kHz and erased tape. The head is set for minimum noise on the erased sections. This centers the head over the erased section of the tape.

Move the scope probes; CH1 to TP21, remove CH2 probe (Figure 2-20). Set the oscilloscope to 2 V/cm, 5 ms/cm and observe the burst pattern of Figure 2-22.



**Figure 2-22. Magnetic Tape Signal for Tape Head Height Adjustments.**

Adjust the delayed sweep if it is available on your oscilloscope to display the low-level region between the 10kHz bursts. Set the delayed sweep rate to 100 us/cm and the vertical sensitivity to 100 mV/cm.

## CALIBRATION PROCEDURE

Loosen the head height, raise screw about three turns (Figure 2-20). Adjust the head lower screw for minimum amplitude during the erased interval (Figure 2-22). Head skew and height adjustments interact and they may have to be readjusted before both are optimized. Tighten the screws and the calibration is complete.

Routine maintenance procedures are to clean the head with isopropyl alcohol and a swab every 1000 hours of average use or every six hours of continuous tape operation.

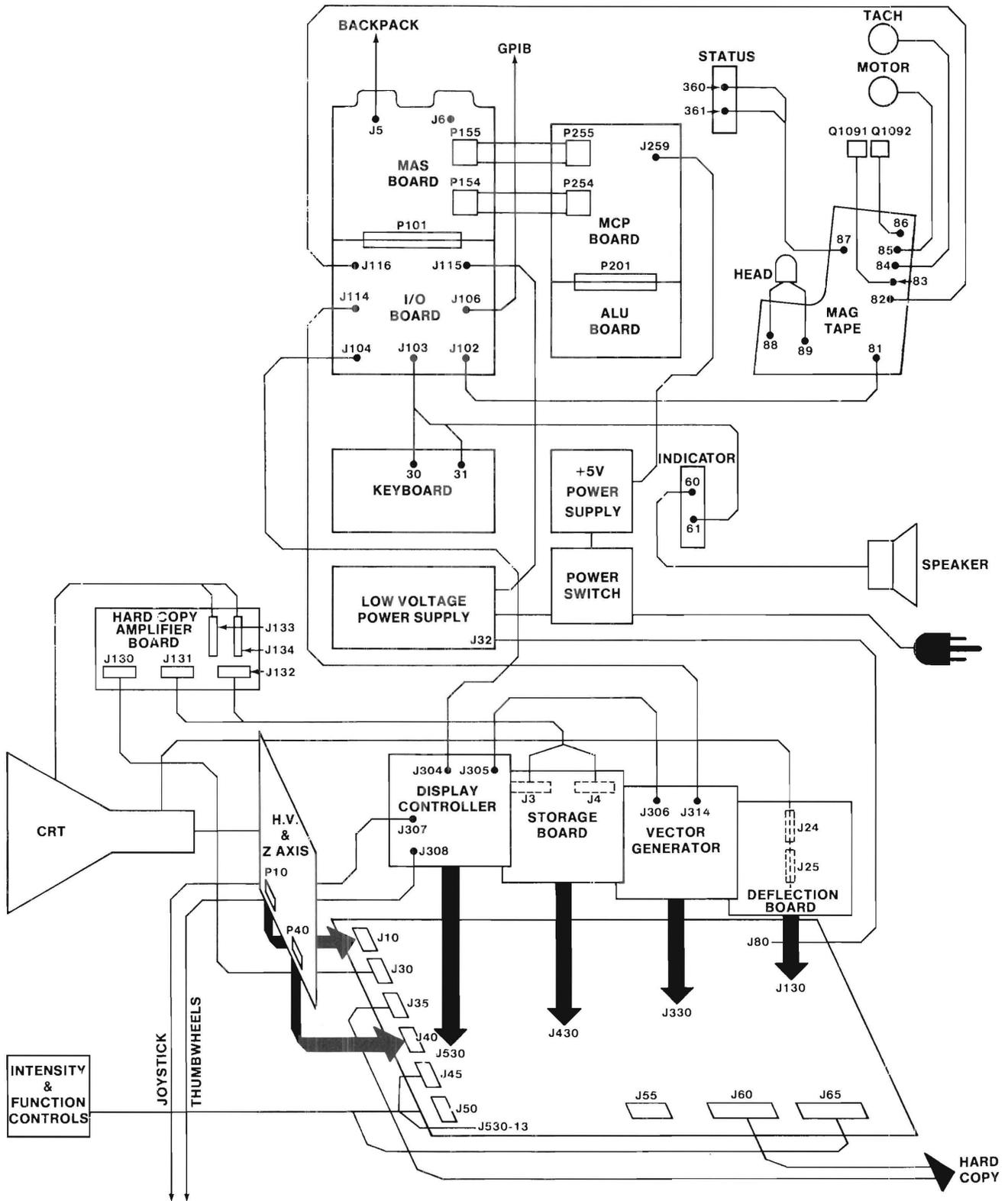


## Section 3

### CONNECTORS AND WIRE HARNESS

The following section contains the connector and the wire harness information for the 4054 Graphic Computing System. Figure 3-1 shows the approximate location of the connectors and board locations for the system. The connector tables show the connector-to-connector wiring and the schematic page that the signal name appears on.

CONNECTORS AND WIRE HARNESS



2839-7

Figure 3-1. 4054 Cabling Diagram.

## CONNECTORS AND WIRE HARNESS

J3	Schematic Page	Signal Name	Destination	Schematic Page
1	10-2	GND	J131-1	12-1
2	10-2	HCS	J131-2	12-1
3	10-2	+5 V	J131-3	12-1
4	10-2	-15 V	J131-4	12-1
5	10-2	+15 V	J131-5	12-1

J4	Schematic Page	Signal Name	Destination	Schematic Page
1	10-1	Target	J132-1	12-1
2	10-1	CE-2	J132-2	12-1
3	10-2	CE-1	J132-3	12-1
4	10-2	FG-HEATER	J132-4	12-1
5	10-2	FG-HEATER	J132-5	12-1
6	10-2	FGA	J132-6	12-1
7	10-2	GND	J132-7	12-1

CONNECTORS AND WIRE HARNESS

J5-A	Schematic Page	Signal Name	Destination	Schematic Page
A1	4-5	AEA10-1	P5-A1	BACKPACK
A2	4-5	GND	P5-A2	BACKPACK
A3	4-5	GND	P5-A3	BACKPACK
A4	4-3	PIAS-0	P5-A4	BACKPACK
A5	4-2	R-1/W-0	P5-A5	BACKPACK
A6	4-5	AEA12-1	P5-A6	BACKPACK
A7	4-5	AEA14-1	P5-A7	BACKPACK
A8	4-5	AEA0-1	P5-A8	BACKPACK
A9	4-5	AEA1-1	P5-A9	BACKPACK
A10	4-5	AEA2-1	P5-A10	BACKPACK
A11	4-5	AEA3-1	P5-A11	BACKPACK
A12	4-5	-12V	P5-A12	BACKPACK
A13	4-5	-12V	P5-A13	BACKPACK
A14	4-3	SLOW-0	P5-A14	BACKPACK
A15	4-1	EXD1-1	P5-A15	BACKPACK
A16	4-1	EXD3-1	P5-A16	BACKPACK
A17	4-3	IRQ-0	P5-A17	BACKPACK
A18	4-1	EXD6-1	P5-A18	BACKPACK
A19	4-3	PIAE-1	P5-A19	BACKPACK
A20	4-3	ERLPIAE-1	P4-A20	BACKPACK
A21	4-5	GND	P5-A21	BACKPACK
A22	4-5	GND	P5-A22	BACKPACK
A23	4-3	EXTEN-0	P5-A23	BACKPACK
A24	4-3	EPIAS-0	P5-A24	BACKPACK
A25	4-5	+12 V	P5-A25	BACKPACK

## CONNECTORS AND WIRE HARNESS

J5-B	Schematic Page	Signal Name	Destination	Schematic Page
B1	4-5	GND	P5-B1	BACKPACK
B2	4-5	GND	P5-B2	BACKPACK
B3	4-5	+5 V	P5-B3	BACKPACK
B4	4-5	AEA-9-1	P5-B4	BACKPACK
B5	4-5	AEA8-1	P5-B5	BACKPACK
B6	4-5	AEA7-1	P5-B6	BACKPACK
B7	4-5	AEA13-1	P5-B7	BACKPACK
B8	4-5	AEA15-1	P5-B8	BACKPACK
B9	4-5	GND	P5-B9	BACKPACK
B10	4-3	COMCLK-1	P5-B10	BACKPACK
B11	4-5	AEA6-1	P5-B11	BACKPACK
B12	4-5	AEA5-1	P5-B12	BACKPACK
B13	4-5	AEA4-1	P5-B13	BACKPACK
B14	4-5	AEA11-1	P5-B14	BACKPACK
B15	4-1	EXD0-1	P5-B15	BACKPACK
B16	4-1	EXD2-1	P5-B16	BACKPACK
B17	4-1	EXD4-1	P5-B17	BACKPACK
B18	4-1	EXD5-1	P5-B18	BACKPACK
B19	4-1	EXD7-1	P5-B19	BACKPACK
B20	4-4	RESTART-0	P5-B20	BACKPACK
B21	4-3	EXTEN-0	P5-B21	BACKPACK
B22	4-5	GND	P5-B22	BACKPACK
B23	4-5	GND	P5-B23	BACKPACK
B24	4-5	+5 V	P5-b24	BACKPACK
B25	4-5	GND	P5-B25	BACKPACK

J24	Schematic Page	Signal Name	Destination	Schematic Page
1	9-1		LA DEFL COIL	9-1
2	9-1		LA DEFL COIL	9-1
3	9-1		LA DEFL COIL	9-1

J25	Schematic Page	Signal Name	Destination	Schematic Page
1	9-1		SA DEFL COIL	9-1
2	9-2		SA DEFL COIL	9-1
3	9-1		SA DEFL COIL	9-1

CONNECTORS AND WIRE HARNESS

J10	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	+290 V	P10-1	11-1
2	(not used)			11-1
3	6-1	+20 V	P10-3	11-1
4	6-1	GND	P10-4	11-1
5	6-1	-15 V	P10-5	11-1
6	6-1	+5 V	P10-6	11-1
7	6-1	+15 V	P10-7	11-1
8	6-1	GND	P10-8	11-1
9	6-1	DEFOCUS-0	P10-9	11-1
10	6-1	TRU Z	P10-10	11-1

Interconnect Board

J30	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	TARSIG GND	J130-2	12-1
2	6-1	TARSIG-0	J130-1	12-1

J35	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	TARSIG GND	J41-8	
2	6-1	TARSIG-0	J41-7	
3	6-1	INTER GND	J41-6	
4	6-1	HC INTER-)	J41-5	

## Interconnect Board

J40	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	HC INTER-0	P40-1	11-1
2	6-1	ANTI BURN	P40-2	11-1
3	6-1	DYNAMIC FOCUS	P40-3	11-1
4	6-1	Z GND	P40-4	11-1
5	6-1	Z AXIS	P40-5	11-1
6	6-1	H C INT	P40-6	11-1
7	6-1	WRITETHRU INT	P40-7	11-1
8	6-1	BRITE-0	P40-8	11-1
9	6-1	HCS-0	P40-9	11-1
10	6-1	WRITE-THRU-0	P40-10	11-1

## Keyboard

J30	Schematic Page	Signal Name	Destination	Schematic Page
1	13-1	KC0-1	J103-28	5-3
2	13-1	KC1-1	J103-27	5-3
3	13-1	KC2-1	J103-26	5-3
4	13-1	KC3-1	J103-25	5-3
5	13-1	KC4-1	J103-24	5-3
6	13-1	KC5-1	J103-23	5-3
7	13-1	KC6-1	J103-22	5-3
	13-1	TTY-0	J103-21	5-3

J31	Schematic Page	Signal Name	Destination	Schematic Page
1	13-1	KEY-1	J103-7	5-5
2	13-1	KBHALT-1	J103-6	5-2
3	13-1	SHIFT-0	J103-5	5-5
4	13-1	CTRL-0	J103-4	5-3
5	13-1	GND	J103-3	5-3
6	13-1	KBCLK-0	J103-2	5-3
7	13-1	+5 V	J103-1	5-3

CONNECTORS AND WIRE HARNESS

Joystick

J40	Schematic Page	Signal Name	Destination	Schematic Page
1	JOYSTICK	+12 V	J307-5	8-2
2	JOYSTICK	(SELECT)	J307-6	8-2
3	JOYSTICK	X JOY	J307-2	8-2
4	JOYSTICK	X JOY GND	J307-3	8-2
5	JOYSTICK	GND	J307-1	8-2
6	JOYSTICK	-12 V	J307-4	8-2
7	JOYSTICK	ENTJOY	J307-9	8-2
8	JOYSTICK	Y JOY	J307-7	8-2
9	JOYSTICK	Y JOY GND	J307-8	8-2

Interconnect Board

J45	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	WRITETHRU INT	J103-32	5-5
2	6-1	HC INT	J103-31	5-5
3	6-1	-15 Volts	J103-30	5-5
4	6-1	+15 Volts	J103-33	5-5

J50	Schematic Page	Signal Name	Destination	Schematic Page
4	6-1	GND	J103-34	5-5

## CONNECTORS AND WIRE HARNESS

## Interconnect Board

J60	Schematic Page	Signal Name	Destination	Schematic Page
27	6-1	MAKE COPY-0	J41-11	
26	6-1	+ FAST RAMP	J41-3	
25	6-1	-FAST RAMP	J41-4	
24	6-1	FAST RAMP GND	J41-15	
23	6-1	+SLOW RAMP	J41-1	
22	6-1	-SLOW RAMP	J41-2	
21	6-1	SLOW RAMP GND	J41-15	
20	6-1	READ-0	J41-9	
19	6-1	WAIT-0	J41-14	

J65	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	GND	CHASSIS GND	
2	6-1	GND	CHASSIS GND	

J60	Schematic Page	Signal Name	Destination	Schematic Page
1	16-1	+12 V	J103-8	5-5
2	16-1	I/O-0	J103-26	5-3
3	16-1	BREAK-0	J103-9	5-3
4	16-1	BUSY-0	J103-29	5-3
5	16-1	SPEAKER	J103-11	5-3
6	16-1	GND	J103-27	5-5

J61	Schematic Page	Signal Name	Destination	Schematic Page
1	16-1	SPEAKER	SPEAKER	16-1
2	16-1	BUSH-0	SPEAKER	16-1

CONNECTORS AND WIRE HARNESS

J80	Schematic Page	Signal Name	Destination	Schematic Page
1	6-1	+490 V	J32-1	1-3
2	6-1	+290 V	J32-2	1-3
3	6-1	+175 V	J32-3	1-3
4	6-1	GND 1	J32-4	1-3
5	6-1	FG	J32-5	1-3
6	6-1	FG	J32-6	1-3
7	6-1	+20 V	J32-7	1-3
8	6-1	-20 V	J32-8	1-3
9	6-1	+9 V	J32-9	1-3
10	6-1	-9 V	J32-10	1-3
11	6-1	GND Z	J32-11	1-3
12	6-1	+15 V	J32-12	1-3
13	6-1	+5 V	J32-13	1-3
14	6-1	-15 V	J32-14	1-3
15	6-1	GND 3	J32-15	1-3

## CONNECTORS AND WIRE HARNESS

J81	Schematic Page	Signal Name	Destination	Schematic Page
1	14-1	RESTART-0	J102-1	5-5
2	14-2	GND	J102-2	5-5
3	14-2	GND	J102-3	5-5
4	14-2	GND	J102-4	5-5
5	14-2	GND	J102-5	5-5
6	14-2	GND	J102-6	5-5
7	14-2	GND	J102-7	5-5
8	14-2	GND	J102-8	5-5
9	14-2	GND	J102-9	5-5
10	14-2	GND	J102-10	5-5
11	14-2	GND	J102-11	5-5
12	14-2	GND	J102-12	5-5
13	14-2	GND	J102-13	5-5
14	14-2	-12 V	J102-14	5-5
15	14-2	+5 V	J102-15	5-5
16	14-2	+5 V	J102-16	5-5
17	14-2	+5 V	J102-17	5-5
18	14-2	+15 V	J102-17	5-5
19	14-2	LOADED-1	J102-19	5-5
20	14-1	RCLK-1	J102-20	5-5
21	14-1	WCLK-0	J102-21	5-5
22	14-1	MRDATA-1	J102-22	5-5
23	14-1	TUTS-1	J102-23	5-5
24	14-1	WDATA-1	J102-24	5-5
25	14-1	TNIM-1	J102-25	5-5
26	14-2	DELAY OUT-1	J102-26	5-5
27	14-1	SAFE-1	J102-27	5-5
28	14-1	LOHOLE-1	J102-28	5-5
29	14-1	WR-0	J102-29	5-5
30	14-1	UPHOLE-1	J102-30	5-5
31	14-1	FAST-1	J102-31	5-5
32	14-1	REV-1	J102-32	5-5
33	14-1	DRTAPE-0	J102-33	5-5
34	14-2	DELAY IN-0	J102-34	5-5

## CONNECTORS AND WIRE HARNESS

J82	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	+20 V UNREG	J116-1	5-5
2	14-2	-20 V UNREG	J116-2	5-5
3	14-2	MOTOR GND COMMON	J116-3	5-5

J83	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	+20 V	EMITTER OF Q1091	
2	14-2	MOTOR DRIVE	COLLECTOR OF Q1091	
3	14-2	POSITIVE CON- TROL	BASE OF Q1091	

J84	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	TAC POSITIVE OUTPUT	TAPE DRIVE TA- CHOMETER	
2	14-2	TAC GROUND		

J85	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	MOTOR DRIVE		
2	14-2	MOTOR COMMON	TAPE DRIVE	
3	14-2	MOTOR SHIELD	MOTOR	

## CONNECTORS AND WIRE HARNESS

J86	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	-20V	EMITTER OF Q1092	
2	14-2	MOTOR DRIVE	COLLECTOR OF Q1092	
3	14-2	NEGATIVE CONTROL	BASE OF Q1092	

J87	Schematic Page	Signal Name	Destination	Schematic Page
1	14-2	LOADED-1	J361-1	16-1
2	14-1	SAFESW	J361-2	16-1
3	14-1	+15 V1	J361-3	16-1
4	14-2	+5 V	J361-4	16-1
5	14-2	GND	J361-5	16-1
6	14-1	UPHOLE	J361-6	16-1
7	14-1	LOHOLE	J361-7	16-1
8	14-1	LAMP ON	J360-1	16-1
9	14-1	LAMP ON RETURN	J360-2	16-1

J88	Schematic Page	Signal Name	Destination	Schematic Page
1	14-1	PICKUP COIL	COIL	
2	14-1	PICKUP COIL	COIL	
3	14-1	SHIELD	CASE	

J89	Schematic Page	Signal Name	Destination	Schematic Page
1	14-1	PICKUP COIL	COIL	
2	14-1	PICKUP COIL	COIL	
3	14-1	SHIELD	CASE	

CONNECTORS AND WIRE HARNESS

J93	Schematic Page	Signal Name	Destination	Schematic Page
1	BACKPACK	GND	RS-232	19-1
2	BACKPACK	TDATA	RS-232	19-1
3	BACKPACK	RDATA	RS-232	19-1
4	BACKPACK	RTS	RS-232	19-1
5	BACKPACK	CTS	RS-232	19-1
6	BACKPACK	DSR	RS-232	19-1
7	BACKPACK	GND	RS-232	19-1
8	BACKPACK	DCD	RS-232	19-1
9	BACKPACK		RS-232	19-1
10	BACKPACK		RS-232	19-1
11	BACKPACK	STXA	RS-232	19-1
12	BACKPACK	SRX	RS-232	19-1
13	BACKPACK		RS-232	19-1
14	BACKPACK		RS-232	19-1
15	BACKPACK		RS-232	19-1
16	BACKPACK		RS-232	19-1
17	BACKPACK		RS-232	19-1
18	BACKPACK		RS-232	19-1
19	BACKPACK	STXC	RS-232	19-1
20	BACKPACK	DTR	RS-232	19-1
21	BACKPACK		RS-232	19-1
22	BACKPACK		RS-232	19-1
23	BACKPACK		RS-232	19-1
24	BACKPACK		RS-232	19-1
25	BACKPACK		RS-232	19-1

## CONNECTORS AND WIRE HARNESS

J102	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	RESTART	J81	14-1
2	5-5	GND	J81	14-1
3	5-5	GND	J81	14-1
4	5-5	GND	J81	14-1
5	5-5	GND	J81	14-1
6	5-5	GND	J81	14-1
7	5-5	GND	J81	14-1
8	5-5	GND	J81	14-1
9	5-5	GND	J81	14-1
10	5-5	GND	J81	14-1
11	5-5	GND	J81	14-1
12	5-5	GND	J81	14-1
13	5-5	GND	J81	14-1
14	5-5	-12 V	J81	14-1
15	5-5	+5 V	J81	14-1
16	5-5	+5 V	J81	14-1
17	5-5	+5 V	J81	14-1
18	5-5	+15 V	J81	14-1
19	5-2	LOADED-1	J81	14-1
20	5-2	RCLK-1	J81	14-1
21	5-2	WCLK-0	J81	14-1
22	5-2	MRDATA-1	J81	14-1
23	5-2	TUTS-1	J81	14-1
24	5-2	WDATA-1	J81	14-1
25	5-2	TNIM-1	J81	14-1
26	5-2	DELAYOUT-1	J81	14-1
27	5-2	SAFE-1	J81	14-1
28	5-2	LOHOLE-1	J81	14-1
29	5-2	WR-0	J81	14-1
30	5-2	UPHOLE-1	J81	14-1
31	5-2	FAST-1	J81	14-1
32	5-2	REV-1	J81	14-1
33	5-2	DRTAPE-0	J81	14-1
34	5-2	DELAYIN-1	J81	14-1

## CONNECTORS AND WIRE HARNESS

J103	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	+5 V	J31-7	13-1
2	5-2	KBCLK-0	J31-6	13-1
3	5-5	GND	J31-5	13-1
4	5-3	SHIFT-0	J31-4	13-1
5	5-3	CSHIFT-0	J31-3	13-1
6	5-3	KBHALT-1	J31-2	13-1
7	5-3	KEY-1	J31-1	13-1
8	5-5	+12 V	J60-1	16-1
9	5-3	BREAK-0	J60-3	16-1
11	5-3	SPEAKER	J60-5	16-1
13	5-5	-15 V	HC INTENSITY	
14	5-5	HARDCOPY IN-	AND WRITE THRU	
		TENSITY	POTENTIOMETERS	
15	5-5	WRITE THRU		
		INTENSITY		
16	5-5	+15 V		
17	5-5	GND		
18	5-3	TTY-0	J30-8	13-1
19	5-3	KC6-1	J30-7	13-1
20	5-3	KCS-1	J30-6	13-1
21	5-3	KC4-1	J30-5	13-1
22	5-3	KC3-1	J30-4	13-1
23	5-3	KC2-1	J30-3	13-1
24	5-3	KC1-1	J30-2	13-1
25	5-3	KC0-1	J30-1	13-1
26	5-3	I/O-0	J60-2	16-1
27	5-5	GND	J60-6	16-1
29	5-3	BUSY-0	J60-4	16-1
30	5-5	-15 V	J45-3	6-1
31	5-5	HARD COPY IN-	J45-2	6-1
		TENSITY		
32	5-5	WRITE THRU	J45-1	6-1
		INTENSITY		
33	5-5	+15 V	J50-4	6-1
34	5-5	GND	J50-4	6-1

## CONNECTORS AND WIRE HARNESS

J104	Schematic Page	Signal Name	Destination	Schematic Page
1	5-3	DSTAT7-1	J304-1	8-1
2	5-3	DSTAT6-1	J304-2	8-1
3	5-3	DSTAT5-1	J304-3	8-1
4	5-3	DSTAT4-1	J304-4	8-1
5	5-3	DSTAT3-1	J304-5	8-1
6	5-3	DSTAT2-1	J304-6	8-1
7	5-3	DSTAT1-1	J304-7	8-1
8	5-3	DSTAT0-1	J304-8	8-1
9	5-3	DSPINTU-0	J304-9	8-1
10	5-3	DCTL7-1	J304-10	8-1
11	5-3	DCTL6-1	J304-11	8-1
12	5-3	DCTL5-1	J304-12	8-1
13	5-3	DCTL4-1	J304-13	8-1
14	5-3	DCTL3-1	J304-14	8-1
15	5-3	DCTL2-1	J304-15	8-1
16	5-3	DCTL1-1	J304-16	8-1
17	5-3	DCTL0-1	J304-17	8-1
18	5-3	CTLSTB-1	J304-18	8-1
19	5-2	DSPRCK-1	J304-19	8-1
20	5-4	(5-4 ENT JOY)	J304-20	8-1
21	5-5	GND	J304-21	8-1
22	5-5	GND	J304-22	8-1
23	5-5	GND	J304-23	8-1
24	5-5	GND	J304-24	8-1
25	5-5	GND	J304-25	8-1
26	5-5	GND	J304-26	8-1
27	5-5	GND	J304-27	8-1
28	5-5	GND	J304-28	8-1
29	5-5	GND	J304-29	8-1
30	5-5	GND	J304-30	8-1
31	5-5	GND	J304-31	8-1
32	5-5	GND	J304-32	8-1
33	5-5	GND	J304-33	8-1
34	5-5	GND	J304-34	8-1
35	5-5	GND	J304-35	8-1
36	5-5	GND	J304-36	8-2
37	5-5	GND	J304-37	8-2
38	5-5	GND	J304-38	8-2
39	5-5	GND	J304-39	8-2
40	5-5	GND	J304-40	8-2

CONNECTORS AND WIRE HARNESS

J106	Schematic Page	Signal Name	Destination	Schematic Page
1	5-4	DIO1-0	GPIB J6-1	
2	5-4	DIO2-0	GPIB J6-2	
3	5-4	DIO3-0	GPIB J6-3	
4	5-4	DIO4-0	GPIB J6-4	
5	5-4	EOI-0	GPIB J6-5	
6	5-4	DAV-0	GPIB J6-6	
7	5-4	NRFD-0	GPIB J6-7	
8	5-4	NDAC-0	GPIB J6-8	
9	5-4	IFC-0	GPIB J6-9	
10	5-4	SRQ-0	GPIB J6-10	
11	5-4	ATN-0	GPIB J6-11	
12	5-4	GND	GPIB J6-12	
13	5-4	DIO5-0	GPIB J6-13	
14	5-4	DIO6-0	GPIB J6-14	
15	5-4	DIO7-0	GPIB J6-15	
16	5-4	DIO8-0	GPIB J6-16	
17	5-4	REN-0	GPIB J6-17	
18	5-4	GND	GPIB J6-18	
19	5-4	GND	GPIB J6-19	
20	5-4	GND	GPIB J6-20	
21	5-4	GND	GPIB J6-21	
22	5-4	GND	GPIB J6-22	
23	5-4	GND	GPIB J6-23	
24	5-4	GND	GPIB J6-24	
25				

## CONNECTORS AND WIRE HARNESS

J114	Schematic Page	Signal Name	Destination	Schematic Page
1	5-3	RD7-1	J314-1	7-2
2	5-3	RD6-1	J314-2	7-2
3	5-3	RD5-1	J314-3	7-2
4	5-3	RD4-1	J314-4	7-2
5	5-3	RD3-1	J314-5	7-2
6	5-3	RD2-1	J314-6	7-2
7	5-3	RD1-1	J314-7	7-2
8	5-3	RD0-1	J314-8	7-2
9	5-3	RD11-1	J314-9	7-2
10	5-3	RD10-1	J314-10	7-2
11	5-3	RD9-1	J314-11	7-2
12	5-3	RD8-1	J314-12	7-2
13	5-3	WD7-1	J314-13	7-1
14	5-3	WD6-1	J314-14	7-1
15	5-3	WD5-1	J314-15	7-1
16	5-3	WD4-1	J314-16	7-1
17	5-3	WD3-1	J314-17	7-1
18	5-3	WD2-1	J314-18	7-1
19	5-3	WD1-1	J314-19	7-1
20	5-3	WD0-1	J314-20	7-1
21	5-5	GND	J314-21	7-2
22	5-3	WD11-1	J314-22	7-1
23	5-5	GND	J314-23	7-2
24	5-3	WD10-1	J314-24	7-1
25	5-5	GND	J314-25	7-2
26	5-3	WD9-1	J314-26	7-1
27	5-5	GND	J314-27	7-2
28	5-3	WD10-1	J314-28	7-1
29	5-5	GND	J314-29	7-2
30	5-3	BSHIFT-0	J314-30	7-1
31	5-5	GND	J314-31	7-2
32	5-3	BRESTART-0	J314-32	7-1
33	5-5	GND	J314-33	7-2
34	5-3	WD12-1	J314-34	7-1
35	5-5	GND	J314-35	7-2
36	5-3	WD13-1	J314-36	7-1
37	5-5	GND	J314-37	7-2
38	5-3	WD14-1	J314-38	7-1
39	5-5	GND	J314-39	7-2
40	5-3	WD15-1	J314-40	7-1

CONNECTORS AND WIRE HARNESS

J115	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	+20 V	C111	1-3
2	5-5	+20 V	C111	1-3
3	5-5	GND	C111	1-3
4	5-5	GND	C211	1-3
5	5-5	-20 V	C211	1-3
6	5-5	-20 V	C211	1-3

J116	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	+20 V	J82-1	14-2
2	5-5	-20 V	J82-2	14-2
3	5-5	GND	J82-3	14-2

J117	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	BASE CONTROL	BASE Q5001	5-5
2	5-5	+12 V	COLLECTOR Q5001	
3	5-5	+20 V	EMITTER Q5001	

J118	Schematic Page	Signal Name	Destination	Schematic Page
1	5-5	BASE CONTROL	BASE Q5002	5-5
2	5-5	-12 V	COLLECTOR Q5002	
3	5-5	-20 V	EMITTER Q5002	

## CONNECTORS AND WIRE HARNESS

J130	Schematic Page	Signal Name	Destination	Schematic Page
4	6-1	UNREG GND	P130-4	9-1
9	6-1	+9 V UNREG	P130-9	9-1
10	6-1	-9 V UNREG	P130-10	9-1
12	6-1	+15 VOLTS	P130-12	9-1
13	6-1	+5 VOLTS	P130-13	9-1
14	6-1	-15 VOLTS	P130-14	9-1
15	6-1	REG GND	P130-15	9-1
18	6-1	HOLD-0	P130-18	9-1
20	6-1	READ-0	P130-20	9-1
21	6-1	HCPY SHIELD	P130-21	9-1
22	6-1	X HCPY RAMP	P130-22	9-1
23	6-1	XHCPY RAMP GND	P130-23	9-1
24	6-1	HCPY SHIELD	P130-24	9-1
25	6-1	Y HCPY RAMP	P130-25	9-1
26	6-1	YHCPY RAMP GND	P130-26	9-1
29	6-1	X GND	P130-29	9-1
30	6-1	+X	P130-30	9-1
31	6-1	-X	P130-31	9-1
32	6-1	Y GND	P130-32	9-1
33	6-1	-Y	P130-33	9-1
34	6-1	+Y	P130-34	9-1
35	6-1	CENTER-0	P130-35	9-1
36	6-1	SLU-0	P130-36	9-2
37	6-1	ANTIBURN	P130-37	9-2
39	6-1	ORIGIN-1	P130-39	9-1
40	6-1	Z AXIS	P130-40	9-2

CONNECTORS AND WIRE HARNESS

J130	Schematic Page	Signal Name	Destination	Schematic Page
1	12-1	TARSIG-0	J30-2	6-1
2	12-1	TARSIG GND	J30-1	6-1

J131	Schematic Page	Signal Name	Destination	Schematic Page
1	12-1	GND	J3	10-2
2	12-1	HCS-1	J3	10-2
3	12-1	+5 V	J3	10-2
4	12-1	-15 V	J3	10-2
5	12-1	+15 V	J3	10-2

J132	Schematic Page	Signal Name	Destination	Schematic Page
1	12-1	TARGET-1	J4	10-2
2	12-1	CE-2	J4	10-2
3	12-1	CE-1	J4	10-2
4	12-1	FG HTR1	J4	10-2
5	12-1	FG HTR2	J4	10-2
6	12-1	FGA	J4	10-2
7	12-1	GND	J4	10-2

## CONNECTORS AND WIRE HARNESS

J133	Schematic Page	Signal Name	Destination	Schematic Page
1	10-1, 12-1	TARGET	P133	10-1, 12-1
2	10-1, 12-1	GND	P133	10-1, 12-1
3	10-1, 12-1	CATHODE	P133	10-1, 12-1
4	10-1, 12-1	CATHODE	P133	10-1, 12-1
5	10-1, 12-1	CE1	P133	10-1, 12-1
6	10-1, 12-1	CE2	P133	10-1, 12-1
7	10-1, 12-1	ANODE	P133	10-1, 12-1
8	10-1, 12-1	ANODE	P133	10-1, 12-1
9	10-1, 12-1	ANODE	P133	10-1, 12-1
10	10-1, 12-1	ANODE	P133	10-1, 12-1

J134	Schematic Page	Signal Name	Destination	Schematic Page
1	10-1, 12-1	CATHODE	P134	10-1, 12-1
2	10-1, 12-1	CATHODE	P134	10-1, 12-1
3	10-1, 12-1	FG HEATER	P134	10-1, 12-1
4	10-1, 12-1	FG HEATER	P134	10-1, 12-1
5	10-1, 12-1	FG HEATER	P134	10-1, 12-1
6	10-1, 12-1	FG HEATER	P134	10-1, 12-1
7	10-1, 12-1	FG HEATER	P134	10-1, 12-1
8	10-1, 12-1	FG HEATER	P134	10-1, 12-1
9	10-1, 12-1	FG HEATER	P134	10-1, 12-1
10	10-1, 12-1	FG HEATER	P134	10-1, 12-1

CONNECTORS AND WIRE HARNESS

J304	Schematic Page	Signal Name	Destination	Schematic Page
1	8-1	DSTAT7-1	J104-1	5-3
2	8-1	DSTAT6-1	J104-2	5-3
3	8-1	DSTAT5-1	J104-3	5-3
4	8-1	DSTAT4-1	J104-4	5-3
5	8-1	DSTAT3-1	J104-5	5-3
6	8-1	DSTAT2-1	J104-6	5-3
7	8-1	DSTAT1-1	J104-7	5-3
8	8-1	DSTAT0-1	J104-8	5-3
9	8-1	DSPINTU-0	J104-9	5-3
10	8-1	DCTL7-1	J104-10	5-3
11	8-1	DCTL6-1	J104-11	5-3
12	8-1	DCTL5-1	J104-12	5-3
13	8-1	DCTL4-1	J104-13	5-3
14	8-1	DCTL3-1	J104-14	5-3
15	8-1	DCTL2-1	J104-15	5-3
16	8-1	DCTL1-1	J104-16	5-3
17	8-1	DCTL0-1	J104-17	5-3
18	8-1	CITLSTB-1	J104-18	5-3
19	8-1	DSPRCK-1	J104-19	5-2
20	8-2	ENTJOY	J104-20	5-4
21	8-1	GND	J104-21	5-5
22	8-1	GND	J104-22	5-5
23	8-1	GND	J104-23	5-5
24	8-1	GND	J104-24	5-5
25	8-1	GND	J104-25	5-5
26	8-1	GND	J104-26	5-5
27	8-1	GND	J104-27	5-5
28	8-1	GND	J104-28	5-5
29	8-1	GND	J104-29	5-5
30	8-1	GND	J104-30	5-5
31	8-1	GND	J104-31	5-5
32	8-1	GND	J104-32	5-5
33	8-1	GND	J104-33	5-5
34	8-1	GND	J104-34	5-5
35	8-2	GND	J104-35	5-5
36	8-2	GND	J104-36	5-5
37	8-2	GND	J104-37	5-5
38	8-2	GND	J104-38	5-5
39	8-2	GND	J104-39	5-5
40	8-2	GND	J104-40	5-5

## CONNECTORS AND WIRE HARNESS

J305	Schematic Page	Signal Name	Destination	Schematic Page
1	8-2	DD5-1	J306-1	8-2
2	8-2	DD4-1	J306-2	8-2
3	8-2	DD3-1	J306-3	8-2
4	8-2	DD2-1	J306-4	8-2
5	8-2	DD1-1	J306-5	8-2
6	8-2	DD0-1	J306-6	8-2
7	8-1	BSHIFT-0	J306-7	7-1
8	8-2	ZGATE	J306-8	7-2
9				
10	8-1	LXRAT-0	J306-10	7-1
11	8-1	LXPOS-0	J306-11	7-1
12	8-1	SELX0-0	J306-12	7-2
13	8-1	UIP-0	J306-13	7-1
14	8-2	WDIR-1	J306-14	7-2
15	8-2	XGIN-0	J306-15	7-2
16	8-2	CXSTEP	J306-16	7-1
17	8-1	XCLIP	J306-17	7-2
18	8-1	D01-1	J306-18	
19	8-1	D02-1	J306-19	
20				
21	8-2	DD6-1	J306-21	7-1
22	8-2	DD7-1	J306-22	7-1
23	8-2	DD8-1	J306-23	7-1
24	8-2	DD9-1	J306-24	7-1
25	8-2	DD10-1	J306-25	7-1
26	8-2	DD11-1	J306-26	7-1
27				
28				
29				
30	8-1	LYRAT-0	J306	7-1
31	8-1	LYPOS-0	J306	7-1
32	8-2	NOLI-1	J306	7-2
33	8-1	SELY-0	J306	7-2
34	8-1	VIP-1	J306	7-1
35	8-2	YDIR	J306	7-2
36	8-2	YGIN-0	J306	7-2
37				
38	8-1	YCLIP-1	J306	7-2
39	8-1	DCLK-1	J306	7-1
40	8-1	BRESTART-0	J306	7-1

## CONNECTORS AND WIRE HARNESS

J306	Schematic Page	Signal Name	Destination	Schematic Page
1	7-1	DD5-1	J305-1	8-2
2	7-1	DD4-1	J305-2	8-2
3	7-1	DD3-1	J305-3	8-2
4	7-1	DD2-1	J305-4	8-2
5	7-1	DD1-1	J305-5	8-2
6	7-1	DD0-1	J305-6	8-2
7	7-1	BSHIFT-0	J305-7	8-1
8	7-2	Z GATE-1	J305-8	8-2
9				
10	7-1	LXRAT-0	J305-10	8-1
11	7-2	LXPOS-0	J305-11	8-1
12	7-2	SELX0-0	J305-12	
13	7-1	VIP-C	J305-13	8-1
14	7-2	XDIR-1	J305-14	8-2
15	7-2	XGIN-0	J305-15	8-2
16	7-1	CXSTEP	J305-16	8-2
17	7-2	XCLIP	J305-17	8-1
18				
19				
20				
21	7-1	DD6-1	J305-21	8-2
22	7-1	DD7-1	J305-22	8-2
23	7-1	DD8-1	J305-23	8-2
24	7-1	DD9-1	J305-24	8-2
25	7-1	DD10-1	J305-25	8-2
26	7-1	DD11-1	J305-26	8-2
27				
28				
29				
30	7-1	LYRAT-0	J305-30	8-1
31	7-2	LYPOS-0	J305-31	8-1
32	7-2	NOLI-1	J305-32	8-2
33	7-2	SELY0-0	J305-33	8-1
34	7-1	VIP-1	J305-34	8-1
35	7-2	YDIR-1	J305-35	8-2
36	7-2	YGIN-0	J305-36	8-2
37	7-1	CYSTEP-1	J305-37	8-2
38	7-2	YCLIP-1	J305-38	8-1
39	7-2	DCLK-1	J305-39	8-1
40	7-1	RESTART-0	J305-40	8-1

## CONNECTORS AND WIRE HARNESS

J307	Schematic Page	Signal Name	Destination	Schematic Page
1	8-2	GND 3	J40-5	
2	8-2	X JOY	J40-3	
3	8-2	GND 3	J40-4	
4	8-2	-15 V	J40-6	
5	8-2	+15 V	J40-1	
6	8-2	SELECT-0	J40-2	
7	8-2	Y JOY	J40-8	
8	8-2	GND	J40-9	
9	8-2	ENTJOY-0	J40-7	

J308	Schematic Page	Signal Name	Destination	Schematic Page
1	8-2	+15 VOLTS		THUMBWHEELS
2	8-2	- XPOT		THUMBWHEELS
3	8-2	- YPOT		THUMBWHEELS
4	8-2	-15 VOLTS		THUMBWHEELS

## CONNECTORS AND WIRE HARNESS

J314	Schematic Page	Signal Name	Destination	Schematic Page
1	7-2	RD7-1	J114-1	5-3
2	7-2	RD6-1	J114-2	5-3
3	7-2	RD5-1	J114-3	5-3
4	7-2	RD4-1	J114-4	5-3
5	7-2	RD3-1	J114-5	5-3
6	7-2	RD2-1	J114-6	5-3
7	7-2	RD1-1	J114-7	5-3
8	7-2	RD0-1	J114-8	5-3
9	7-2	RD11-1	J114-9	5-3
10	7-2	RD10-1	J114-10	5-3
11	7-2	RD9-1	J114-11	5-3
12	7-2	RD8-1	J114-12	5-3
13	7-1	WD7-1	J114-13	5-3
14	7-1	WD6-1	J114-14	5-3
15	7-1	WD5-1	J114-15	5-3
16	7-1	WD4-1	J114-16	5-3
17	7-1	WD3-1	J114-17	5-3
18	7-1	WD2-1	J114-18	5-3
19	7-1	WD1-1	J114-19	5-3
20	7-1	WD0-1	J114-20	5-3
21	7-2	GND	J114-21	5-5
22	7-1	WD11-1	J114-22	5-3
23	7-2	GND	J114-23	5-5
24	7-1	WD10-1	J114-24	5-3
25	7-2	GND	J114-25	5-5
26	7-1	WD9-1	J114-26	5-3
27	7-2	GND	J114-27	5-5
28	7-1	WD8-1	J114-28	5-3
29	7-2	GND	J114-29	5-5
30	7-1	BSHIFT	J114-30	5-3
31	7-2	GND	J114-31	5-5
32	7-1	RESTART-0	J114-32	5-3
33	7-2	GND	J114-33	5-5
34	7-1	WD12-1	J114-34	5-3
35	7-2	GND	J114-35	5-5
36	7-1	WD13-1	J114-36	5-3
37	7-2	GND	J114-37	5-5
38	7-1	WD14-1	J114-38	5-3
39	7-2	GND	J114-39	5-5
40	7-1	WD15-1	J114-40	5-3

## CONNECTORS AND WIRE HARNESS

J330	Schematic Page	Signal Name	Destination	Schematic Page
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11	7-1	GND	P330-11	6-1
12	7-1	+15 VOLTS	P330-12	6-1
13	7-1	+5 VOLTS	P330-13	6-1
14	7-1	-15 VOLTS	P330-14	6-1
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29	7-1	X-GND	P330-29	6-1
30	7-1	X +	P330-30	6-1
31	7-1	X -	P330-31	6-1
32	7-1	Y-GND	P330-32	6-1
33	7-1	Y -	P330-33	6-1
34	7-1	Y +	P330-34	6-1
35				
36				
37				
38				
39				
40				

## CONNECTORS AND WIRE HARNESS

J430	Schematic Page	Signal Name	Destination	Schematic Page
1	10-2	+490 V	P430-1	6-1
2	10-2	+290 V	P430-2	6-1
3	10-2	+175 V	P430-3	6-1
5	10-1	FG HEATER	P430-5	6-1
6	10-1	FG HEATER	P430-6	6-1
12	10-2	+15 V	P430-12	6-1
13	10-2	+5 V	P430-13	6-1
14	10-2	-15 V	P430-14	6-1
15	10-2	GND	P430-15	6-1
18	10-2	HOLD-0	P430-18	6-1
19	10-2	WAIT-0	P430-19	6-1
20	10-2	READ-0	P430-20	6-1
39	10-2	ORIGIN-1	P430-39	6-1
40	10-1	NONSTORE-0	P430-40	6-1
41	10-2	HCS-0	P430-41	6-1
42	10-2	VIEW-0	P430-42	6-1
43	10-2	DBUSY	P430-43	6-1
44	10-2	ERASE-C	P430-44	6-1
46	10-2	Z AXIS	P430-46	6-1
50	10-2	GBUSY-C	P430-50	6-1

## CONNECTORS AND WIRE HARNESS

P28	Schematic Page	Signal Name	Destination	Schematic Page
1	1-1	GND	P28-1	1-2
2	1-1	R12	P28-2	1-2
3	1-1	+12 V	P28-3	1-2
4				
5				
6	1-1	T531	P28-6	1-2
7				
8	1-1	R521	P28-8	1-2
9				
10	1-1	R321	P28-10	1-2

P29	Schematic Page	Signal Name	Destination	Schematic Page
1	1-2	GND	P259-1	3-3
2	1-2	GND	P259-2	3-3
3	1-2	GND	P259-3	3-3
4	1-2	GND	P259-4	3-3
5	1-2	+5 V SENSE GND	P259-5	3-3
6	1-2	+5 V SENSE	P259-6	3-3
7	1-2	+5 V	P259-7	3-3
8	1-2	+5 V	P259-8	3-3
9	1-2	+5 V	P259-9	3-3
10	1-2	+5 V	P259-10	3-3

## CONNECTORS AND WIRE HARNESS

P101-A	Schematic Page	Signal Name	Destination	Schematic Page
A1	4-3	DIC1-0	P101-A1	5-4
A2	4-3	DIO2-0	P101-A2	5-4
A3	4-3	DIO3-0	P101-A3	5-4
A4	4-3	DIO4-0	P101-A4	5-4
A5	4-3	DIO5-0	P101-A5	5-4
A6	4-3	DIO6-0	P101-A6	5-4
A7	4-3	DIO7-0	P101-A7	5-4
A8	4-3	DIO8-0	P101-A8	5-4
A9	4-3	SRQ-0	P101-A9	5-4
A10	4-3	DAV-0	P101-A10	5-4
A11	4-5	GND	P101-A11	
A12	4-3	ERLPIA-1	P101-A12	5-1
A13	4-3	DSPINT-0	P101-A13	5-3
A14	4-3	EXTN-0	P101-A14	5-1
A15				
A16	4-3	DAX-0	P101-A16	5-1
A17	4-3	EXTRQ-0	P101-A17	5-1
A18				
A19	4-2	40NSCLK-1	P101-A19	5-1
A20	4-3	EPIAS-0	P101-A20	5-1
A21	4-3	IRQ-0	P101-A21	5-4
A22	4-3	PIAS-0	P101-A22	5-1
A24	4-5	AEA6-1	P101-A24	5-1
A25	4-5	AEA7-1	P101-A25	5-1
A26	4-5	AEA8-1	P101-A26	5-1
A27	4-5	AEA9-1	P101-A27	5-1
A28	4-5	AEA10-1	P101-A28	5-1
A29	4-5	AEA11-1	P101-A29	5-1
A30	4-5	AEA12-1	P101-A30	5-1
A31	4-5	AEA13-1	P101-A31	5-1
A32	4-5	AEA14-1	P101-A32	5-1
A33	4-5	AEA15-1	P101-A33	5-1
A34				
A35				
A36				
A37				
A38	4-5	+12 V	P101-A38	5-5
A39	4-5	+12 V	P101-A39	5-5
A40	4-5	+12 V	P101-A40	5-5
A41	4-5	-12 V	P101-A41	5-5
A42	4-5	-12 V	P101-A42	5-5

## CONNECTORS AND WIRE HARNESS

P101-B	Schematic Page	Signal Name	Destination	Schematic Page
B1	4-3	NRFD-0	P101-B1	5-4
B2	4-3	NDAC-0	P101-B2	5-4
B3	4-3	EOI-0	P101-B3	5-4
B4	4-3	IFC-0	P101-B4	5-4
B5	4-3	REN-0	P101-B5	5-4
B6	4-3	ATN-0	P101-B6	5-4
B7	4-5	+5 V	P101-B7	5-5
B8	4-5	+5 V	P101-B8	5-5
B9	4-5	+5 V	P101-B9	5-5
B10	4-5	+5 V	P101-B10	5-5
B11	4-5	GND	P101-B11	5-5
B12	4-5	GND	P101-B12	5-5
B13	4-5	GND	P101-B13	5-5
B14	4-5	GND	P101-B14	5-5
B15	4-5	GND	P101-B15	5-5
B16	4-5	GND	P101-B16	5-5
B17	4-3	SLOW-0	P101-B17	5-1
B18				
B19	4-4	XLRPER-1	P101-B19	5-1
B20				
B21	4-3	NMI-0	P101-B21	5-2
B22				
B23	4-5	AEA3-1	P101-B23	5-4
B24	4-5	AEA4-1	P101-B24	5-4
B25	4-5	AEA5-1	P101-B25	5-5
B26		IPIAS-0	P101-B26	5-4
B27	4-1	EXD7-1	P101-B27	5-4
B28	4-1	EXD6-1	P101-B28	5-4
B29	4-1	EXD5-1	P101-B29	5-4
B30	4-1	EXD4-1	P101-B30	5-4
B31	4-1	EXD3-1	P101-B31	5-4
B32	4-1	EXD2-1	P101-B32	5-4
B33	4-1	EXD1-1	P101-B33	5-4
B34	4-1	EXD0-1	P101-B34	5-4
B35	4-3	PIAE-1	P101-B35	5-1
B36	4-2	R-1/W-0	P101-B36	5-1
B37	4-5	AEA2-1	P101-B37	5-4
B38	4-5	AEA0-1	P101-B38	5-4
B39	4-5	AEAI-1	P101-B39	5-4
B40	4-4	RESTART-0	P101-B40	5-5
B41	4-3	CMCLK-1	P101-B41	5-2
B42		COMCLK/4-1	P101-B42	5-2

CONNECTORS AND WIRE HARNESS

P154-A	Schematic Page	Signal Name	Destination	Schematic Page
A 1	4-1	MB0-1	P254-A 1	3-4
A 2	4-1	MB1-1	P254-A 2	3-4
A 3	4-1	MB2-1	P254-A 3	3-4
A 4	4-1	MB3-1	P254-A 4	3-4
A 5	4-1	MB4-1	P254-A 5	3-4
A 6	4-1	MB5-1	P254-A 6	3-4
A 7	4-1	MB6-1	P254-A 7	3-4
A 8	4-1	MB7-1	P254-A 8	3-4
A 9	4-1	MB8-1	P254-A 9	3-4
A 10	4-1	MB9-1	P254-A 10	3-4
A 11	4-1	MB10-1	P254-A 11	3-4
A 12	4-1	MB11-1	P254-A 12	3-4
A 13	4-1	MB12-1	P254-A 13	3-4
A 14	4-1	MB13-1	P254-A 14	3-4
A 15	4-1	MB14-1	P254-A 15	3-4
A 16	4-1	MB15-1	P254-A 16	3-4

P154-B	Schematic Page	Signal Name	Destination	Schematic Page
B 1	4-5	+5V	P254-B 1	3-3
B 2	4-5	+5V	P254-B 2	3-3
B 3	4-5	+5V	P254-B 3	3-3
B 4	4-5	+5V	P254-B 4	3-3
B 5	4-5	+5V	P254-B 5	3-3
B 6	4-5	+5V	P254-B 6	3-3
B 7	4-5	+5V	P254-B 7	3-3
B 8	4-5	+5V	P254-B 8	3-3
B 9	4-5	+5V	P254-B 9	3-3
B 10	4-5	GND	P254-B 10	3-3
B 11	4-5	GND	P254-B 11	3-3
B 12	4-5	GND	P254-B 12	3-3
B 13	4-5	GND	P254-B 13	3-3
B 14	4-5	GND	P254-B 14	3-3
B 15	4-5	GND	P254-B 15	3-3
B 16	4-5	GND	P254-B 16	3-3
B 17	4-5	GND	P254-B 17	3-3

## CONNECTORS AND WIRE HARNESS

P155-A	Schematic Page	Signal Name	Destination	Schematic Page
A1	4-2	M4ONSCLK-1	P255-A1	3-1
A2	4-3	COMCLK-1	P255-A2	3-3
A3	4-2	ADDRVALID-0	P255-A3	3-1
A4	4-2	ADRACPT-0	P255-A4	3-1
A5	4-3	DATAVALID-0	P255-A5	3-1
A6	4-2	DCNFRM-0	P255-A8	3-1
A7	4-4	RESTART-0	P255-A7	3-1
A8	4-1	MSPACE-1	P255-A8	3-3
A9	4-2	MREAD-1	P255-A9	3-2
A10	4-2	MWORD-1	P255-A10	3-2
A11	4-2	MINDIRECT-0	P255-A11	3-1
A12	4-2	EXT-0	P255-A12	
A13	4-3	NMI-0	P255-A13	3-3
A14	4-3	DSPINT-0	P255-A14	3-3
A15	4-3	IRQ-0	P255-A15	3-3
A16	4-4	HWDFAIL-0	P255-A16	3-3

P155-B	Schematic Page	Signal Name	Destination	Schematic Page
B1	4-5	GND	P255-B1	3-3
B2	4-5	GND	P255-B2	3-3
B3	4-5	GND	P255-B3	3-3
B4	4-5	GND	P255-B4	3-3
B5	4-5	GND	P255-B5	3-3
B6	4-5	GND	P255-B6	3-3
B7	4-5	GND	P255-B7	3-3
B8	4-5	GND	P255-B8	3-3
B9	4-5	GND	P255-B9	3-3
B10	4-5	GND	P255-B10	3-3
B11	4-5	GND	P255-B11	3-3
B12	4-5	GND	P255-B12	3-3
B13	4-5	GND	P255-B13	3-3
B14	4-5	GND	P255-B14	3-3
B15	4-5	GND	P255-B15	3-3
B16	4-5	GND	P255-B16	3-3
B17	4-5	GND	P255-B17	3-3

## CONNECTORS AND WIRE HARNESS

P201-A	Schematic Page	Signal Name	Destination	Schematic Page
A1	2-5	+5V	P201-A1	3-3
A2	2-5	+5V	P201-A2	3-3
A3	2-5	GND	P201-A3	3-3
A4	2-5	GND	P201-A4	3-3
A5	2-2	INTREG-1	P201-A5	3-1
A6	2-3	BRANCH-1	P201-45	3-1
A7	2-1	ALUACPT-1	P201-A7	3-1
A8	2-5	CCRD-1	P201-A8	3-2
A9	2-1	PLRDY-0	P201-A9	3-2
A10	2-3	PLMCO-1	P201-A11	3-2
A11	2-3	PLMC2-1	P201-A10	3-1
A12	2-2	IMMED8-1	P201-A12	3-2
A13	2-2	DIRECT-1	P201-A13	3-2
A14	2-2	FCREAD-1	P201-A14	3-2
A15	2-1	25MHZ-1	P201-A15	3-1
A16	2-2	FRA0-1	P201-A16	3-4
A17	2-2	FRA2-1	P201-A17	3-4
A18	2-2	FRA4-1	P201-A18	3-4
A19	2-2	FRA6-1	P201-A19	3-4
A20	2-1	LWONFI-1	P201-A20	
A21	2-4	ALUINO-1	P201-A21	3-4
A22	2-4	ALUIN2-1	P201-A22	3-4
A23	2-4	ALUIN4-1	P201-A23	3-4
A24	2-4	ALUIN6-1	P201-A24	3-4
A25	2-4	ALUIN8-1	P201-A25	3-4
A26	2-4	ALUIN10-1	P201-A26	3-4
A27	2-4	ALUIN12-1	P201-A27	3-4
A28	2-4	ALUIN14-1	P201-A28	3-4
A29	2-4	ALUOUT0-1	P201-A29	3-4
A30	2-4	ALUOUT2-1	P201-A30	3-4
A31	2-4	ALUOUT4-1	P201-A31	3-4
A32	2-4	ALUOUT6-1	P201-A32	3-4
A33	2-4	ALUOUT8-1	P201-A33	3-4
A34	2-4	ALUOUT10-1	P201-A34	3-4
A35	2-4	ALUOUT12-1	P201-A35	3-4
A36	2-4	ALUOUT14-1	P201-A36	3-4
A37	2-3	LMODE-0	P201-A37	3-2
A38	2-1	RESTART-0	P201-A38	3-1
A39	2-2	IRQ-0	P201-A39	3-3
A40	2-2	DSPINT-0	P201-A40	3-3
A41	2-5	+5 V	P201-A41	3-3
A42	2-5	+5 V	P201-A42	3-3

## CONNECTORS AND WIRE HARNESS

P201-B	Schematic Page	Signal Name	Destination	Schematic Page
B1	2-5	GND	P201-B1	3-3
B2	2-5	GND	P201-B2	3-3
B3	2-5	+5 V	P201-B3	3-3
B4	2-5	+5 V	P201-B4	3-3
B5				
B6	2-1	NEXT-0	P201-B6	3-2
B7	2-1	MPCDAV-1	P201-B7	3-2
B8	2-5	CCRF-1	P201-B8	3-2
B9	2-1	FRBUSY-1	P201-B9	3-1
B10	2-3	PLMC1-1	P201-B9	3-1
B11	2-1	FRCLK-1	P201-B11	3-2
B12	2-2	IMMED16-1	P201-B12	3-2
B13	2-2	EXTENDED-1	P201-B13	3-2
B14	2-2	8-1/16-0	P201-B14	3-2
B15	2-1	CPUCLK-1	P201-B15	3-1
B16	2-2	FRA1-1	P201-B16	3-4
B17	2-2	FRA3-1	P201-B17	3-4
B18	2-2	FRA5-1	P201-B18	3-4
B19	2-2	FRA7-1	P201-B19	3-4
B20	2-2	HWDFAIL-0	P201-B20	3-3
B21	2-4	ALUIN1-1	P201-B21	3-4
B22	2-4	ALUIN3-1	P201-B22	3-4
B23	2-4	ALUIN5-1	P201-B23	3-4
B24	2-4	ALUIN7-1	P201-B24	3-4
B25	2-4	ALUIN9-1	P201-B25	3-4
B26	2-4	ALUIN11-1	P201-B26	2-4
B27	2-4	ALUIN13-1	P201-B27	3-4
B28	2-4	ALUIN15-1	P201-B28	3-4
B29	2-4	ALUOUT1-1	P201-B29	3-4
B30	2-4	ALUOUT3-1	P201-B30	3-4
B31	2-4	ALUOUT5-1	P201-B31	3-4
B32	2-4	ALUOUT7-1	P201-B32	3-4
B33	2-4	ALUOUT9-1	P201-B33	3-4
B34	2-4	ALUOUT11-1	P201-B34	3-4
B35	2-4	ALUOUT13-1	P201-B35	3-4
B36	2-4	ALUOUT15-1	P201-B36	3-4
B37	2-3	MHOLD-0	P201-B37	3-2
B38	2-1	FRCLR-1	P201-B38	3-1
B39	2-2	NMI-0	P201-B39	3-3
B40	2-1	COMCLK-1	P201-B40	3-3
B41	2-5	GND	P201-B41	3-3
B42	2-5	GND	P201-B42	3-3

CONNECTORS AND WIRE HARNESS

P254-A	Schematic Page	Signal Name	Destination	Schematic Page
A 1	3-4	MB0-1	P 154-A 1	4-1
A 2	3-4	MB1-1	P 154-A 2	4-1
A 3	3-4	MB2-1	P 154-A 3	4-1
A 4	3-4	MB3-1	P 154-A 4	4-1
A 5	3-4	MB4-1	P 154-A 5	4-1
A 6	3-4	MB5-1	P 154-A 6	4-1
A 7	3-4	MB6-1	P 154-A 7	4-1
A 8	3-4	MB7-1	P 154-A 8	4-1
A 9	3-4	MB8-1	P 154-A 9	4-1
A 10	3-4	MB9-1	P 154-A 10	4-1
A 11	3-4	MB10-1	P 154-A 11	4-1
A 12	3-4	MB11-1	P 154-A 12	4-1
A 13	3-4	MB12-1	P 154-A 13	4-1
A 14	3-4	MB13-1	P 154-A 14	4-1
A 15	3-4	MB14-1	P 154-A 15	4-1
A 16	3-4	MB15-1	P 154-A 16	4-1

P254-B	Schematic Page	Signal Name	Destination	Schematic Page
B 1	3-3	+5V	P 154-B 1	4-5
B 2	3-3	+5V	P 154-B 2	4-5
B 3	3-3	+5V	P 154-B 3	4-5
B 4	3-3	+5V	P 154-B 4	4-5
B 5	3-3	+5V	P 154-B 5	4-5
B 6	3-3	+5V	P 154-B 6	4-5
B 7	3-3	+5V	P 154-B 7	4-5
B 8	3-3	+5V	P 154-B 8	4-5
B 9	3-3	+5V	P 154-B 9	4-5
B 10	3-3	GND	P 154-B 10	4-5
B 11	3-3	GND	P 154-B 11	4-5
B 12	3-3	GND	P 154-B 12	4-5
B 13	3-3	GND	P 154-B 13	4-5
B 14	3-3	GND	P 154-B 14	4-5
B 15	3-3	GND	P 154-B 15	4-5
B 16	3-3	GND	P 154-B 16	4-5
B 17	3-3	GND	P 154-B 17	4-5

## CONNECTORS AND WIRE HARNESS

P255-A	Schematic Page	Signal Name	Destination	Schematic Page
A1	3-1	M4ONCLK-1	P155-A1	4-2
A2	3-3	CMCLK-1	P155-A2	4-3
A3	3-1	ADDRVALID-0	P155-A3	4-2
A4	3-1	ADRACPT-0	P155-A4	4-2
A5	3-1	DATAVALILD-0	P155-A5	4-3
A6	3-1	DCNFRM-0	P155-A6	4-2
A7	3-1	RESTART-0	P155-A7	4-4
A8	3-3	MSPACE-1	P155-A8	4-1
A9	3-2	MREAD-1	P155-A9	4-2
A10	3-2	MWORD-1	P155-A10	4-2
A11	3-1	MINDIRECT-0	P155-A11	4-2
A12		EXT-0	P155-A12	4-2
A13	3-3	NMI-0	P155-A13	4-3
A14	3-3	DSPINT-0	P155-A14	4-3
A15	3-3	IRQ-0	P155-A15	4-3
A16	3-3	HWDFAIL-0	P155-A16	4-4
A17				

P255-B	Schematic Page	Signal Name	Destination	Schematic Page
B1	3-3	GND	P155-B1	4-5
B2	3-3	GND	P155-B2	4-5
B3	3-3	GND	P155-B3	4-5
B4	3-3	GND	P155-B4	4-5
B5	3-3	GND	P155-B5	4-5
B6	3-3	GND	P155-B6	4-5
B7	3-3	GND	P155-B7	4-5
B8	3-3	GND	P155-B8	4-5
B9	3-3	GND	P155-B9	4-5
B10	3-3	GND	P155-B10	4-5
B11	3-3	GND	P155-B11	4-5
B12	3-3	GND	P155-B12	4-5
B13	3-3	GND	P155-B13	4-5
B14	3-3	GND	P155-B14	4-5
B15	3-3	GND	P155-B15	4-5
B16	3-3	GND	P155-B16	4-5
B17	3-3	GND	P155-B17	4-5

CONNECTORS AND WIRE HARNESS

P259	Schematic Page	Signal Name	Destination	Schematic Page
1	3-3	GND	P29-1	1-2
2	3-3	GND	P29-2	1-2
3	3-3	GND	P29-3	1-2
4	3-3	GND	P29-4	1-2
5	3-3	+5V SENSE GND	P29-5	1-2
6	3-3	+5V SENSE	P29-6	1-2
7	3-3	+5V	P29-7	1-2
8	3-3	+5V	P29-8	1-2
9	3-3	+5V	P29-9	1-2
10	3-3	+5V	P29-10	1-2

J360	Schematic Page	Signal Name	Destination	Schematic Page
1	15-1	LAMP ON	J87-8	14-1
2	15-1	LAMP ON RETURN	J87-9	14-1

J361	Schematic Page	Signal Name	Destination	Schematic Page
1	15-1	LOADED-1	J87-1	14-2
2	15-1	SAFESW	J87-2	14-1
3	15-1	+15V1	J87-3	14-1
4	15-1	+5V	J87-4	14-2
5	15-1	GND	J87-5	14-2
6	15-1	UPHOLE	J87-6	14-1
7	15-1	LOHOLE	J87-7	14-1

## Section 4

### SIGNAL NAME CROSS REFERENCE AND DESCRIPTION

The following list defines the signal mnemonics used by the 4054 Graphic Computing System. The list also locates the source and destination of each signal by schematic page and connector number.

The Interconnect Board has a signal bus that connects the display boards. Each line of the bus has an assigned number that is also the pin number for the Interconnect Board's side of a connector. However, connectors from other assemblies that plug onto the Interconnect Board may use a different numbering method. To reduce confusion in locating a signal's pin number, this listing uses the following symbols. (The number in square brackets is the board number of the schematic pages where the connector is shown.)

Pxx-x\*      Indicates the pin number of the connector;  
Jxx-x\*      Indicates the bus number on the Interconnect Board.

The following connectors have the same numbers:

- P30-xx[6]      Display Interconnect Board
- P30-xx[13]     Keyboard
- P40-xx[11]     High Voltage and Z Axis Board
- P40-xx[J]      Joystick connector on back panel
- P60-xx[6]      Display Interconnect Board
- P60-xx[16]     Indicator Lights Board
- P130-xx[9]     Deflection Amplifier Board
- P130-xx[12]    Hard Copy Amplifier Board

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
25MHZ-1	2-1	3-1 P201-A15	25 MEGAHERTZ CLOCK This signal is the system clock from the ALU Board to the MCP Board.
2NDEXTBYTE-0	4-3	4-2	SECOND EXTERNAL DATA BYTE This signal increments the address adder by 1 for the second byte of data from the external bus.
40NSCLK-1	4-2	5-1 P101-A19	40 NANOSECOND CLOCK This signal is the system clock from the MCP Board to the MAS Board.
8-1/16-0	2-2	3-2 P201-B14	8 BITS OR 16 BITS This signal is from the Fetch ROM to the MCP Board. A high indicates that eight bits of data are required; a low indicates that 16 bits of data are required by the ALU Board.
AARECV-1	3-1	3-2 3-3	ADDRESS ACCEPTED RECEIVED This signal is the latched indicator on the MCP Board that the MAS Board has accepted the address.
ADDRCLK-1	4-2	4-1	ADDRESS LATCH CLOCK This clock is used to latch the address from the MB0-15 data lines.
ADDRVALID-0	3-1	4-2 P155-A3 P255-A3	ADDRESS VALID This signal indicates to the MAS Board that the data on the MB0-1 through MB15-1 lines is a valid address.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ADRACPT-0	4-2	3-1 P155-A4 P255-A4	ADDRESS ACCEPTED This signal indicates to the MCP Board that the address sent to the MAS Board has been accepted.
AEORAMO-1	2-4	2-5	ARITHMETIC ELEMENT 0 RAM 0 This signal is the least significant bit input or output of the RALU. The line is used during shift operations (left, right, 8 bits, or 16 bits).
AEA0-1	4-5 5-4	5-2 5-3 5-4 P101-B38 J5-A8	RAM EVEN ADDRESS An even RAM address line. Also an I/O address line from the MAS Board.
AEA1-1	4-5 5-4	5-2 5-3 5-4 P101-B39 J5-A9	RAM EVEN ADDRESS See AEA0-1.
AEA2-1	4-5 5-4	5-3 5-4 P101-B37 J5-A10	RAM EVEN ADDRESS See AEA0-1.
AEA3-1	4-5 5-4	5-2 5-3 5-4 P101-B23 J5-A11	RAM EVEN ADDRESS See AEA0-1.
AEA4-1	4-5 5-4	5-2 5-3 5-4 P101-B24 J5-B13	RAM EVEN ADDRESS See AEA0-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
AEA5-1	4-5 5-4	5-3 P101-B25 J5-B12	RAM EVEN ADDRESS See AEA0-1.
AEA6-1	4-5	5-1 P101-A24 J5-B11	RAM EVEN ADDRESS See AEA0-1.
AEA7-1	4-5	5-1 P101-A25 J5-B6	RAM EVEN ADDRESS See AEA0-1.
AEA8-1	4-5	5-1 P101-A26 J5-B5	RAM EVEN ADDRESS See AEA0-1.
AEA9-1	4-5	5-1 P101-A27 J5-B4	RAM EVEN ADDRESS See AEA0-1.
AEA10-1	4-5	5-1 P101-A28 J5-A1	RAM EVEN ADDRESS See AEA0-1.
AEA11-1	4-5	5-1 P101-A29 J5-B14	RAM EVEN ADDRESS See AEA0-1.
AEA12-1	4-5	5-1 P101-A30 J5-A6	RAM EVEN ADDRESS See AEA0-1.
AEA13-1	4-5	5-1 P101-A31 J5-B7	RAM EVEN ADDRESS See AEA0-1.
AEA14-1	4-5	5-1 P101-A32 J5-A7	RAM EVEN ADDRESS See AEA0-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
AEA15-1	4-5	5-1 P101-A33 J5B8	RAM EVEN ADDRESS See AEA0-1.
AEBC-1	2-4	2-5	ARITHMETIC ELEMENT BYTE CARRY This signal is the bit 0-thru-bit 7 carry output of the RALU to the Condition Code Set-up.
AEBH-1	2-4	2-5	ARITHMETIC ELEMENT BYTE HALF-CARRY This signal is the half-carry between bit 3 and bit 4 of the RALU to the Condition Code Set-up.
AEBN-1	2-4	2-5	ARITHMETIC ELEMENT BYTE NEGATIVE This signal indicates a negative condition for 2's complement arithmetic. The output is from bit 7 of the RALU to the Condition Code Set-up.
AEBV-1	2-4	2-5	ARITHMETIC ELEMENT BYTE OVERFLOW This signal indicates an overflow condition during a 2's complement arithmetic operation for bits 0 thru 7.
AEBZ-1	2-4	2-5	ARITHMETIC ELEMENT BYTE ZERO This line indicates a zero condition (all bits set to zero) in the selected RALU register for bits 0 thru 7.
AECA0-1 thru AECA3-1	2-3	2-4	ARITHMETIC ELEMENT CONTROL A REGISTER ADDRESS These are the four address lines to the RALU from the Pipeline Register used to select a RALU register file for output at the A port in the 2901.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
AECB0-1 thru AECV3-1	2-3	2-4	ARITHMETIC ELEMENT CONTROL B REGISTER ADDRESS These are the four address lines to the RALU from the Pipeline Register used to select a RALU register file for output at the B port in the 2901.
AECI0-1 thru AECI8-1	2-3	2-4	ARITHMETIC ELEMENT CONTROL INSTRUCTION These are the nine control lines from the Pipeline Register to the RALU. AECI0 thru AECI2 are used to determine the data source. AECI3 thru AECI5 are used to determine the operation to be performed. AECI6 thru AECI8 are used to determine the destination of the data after the operation.
AEN-0	3-1	3-2	ADDRESS ENABLE This signal enables the effective address on the MBO thru MB15 lines for the MAS Board.
AEN-1	3-1	3-3	ADDRESS ENABLE This signal enables the effective address on the MBO thru MB15 lines for the MAS Board.
AES0-1 thru AES2-1	2-3	2-2 2-4	ARITHMETIC ELEMENT SHIFT CONTROL These are the three control lines from the Pipeline Register to the Shift Control and to the RALU Constant Load. LMODE-1 determines the function of these lines.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
AEWC-1	2-4	2-5	ARITHMETIC ELEMENT WORD CARRY This is the carry of a 16-bit operation from the RALU to the Condition Code Set-up.
AEWN-1	2-4	2-5	ARITHMETIC ELEMENT WORD NEGATIVE This is the output from the RALU bit 15 to the Condition Code Set-up indicating a 2'S complement negative condition for 16-bit arithmetic operations.
AEWV-1	2-4	2-5	ARITHMETIC ELEMENT WORD OVERFLOW This line indicates an overflow condition for 16-bit 2's complement arithmetic operations.
AEWZ-1	2-4	2-5	ARITHMETIC ELEMENT WORD ZERO This signal indicates that the selected register file in the RALU has all 16 bits set to zero.
ALUACPT-1	3-1	2-1 P201-A7	ALU ACCEPTED This signal indicates to the ALU Board that the data sent over the ALUOUT0 thru ALUOUT15 lines has been accepted by the MCP Board.
ALUINO-1	2-2 2-5 3-4	2-4 P201-A21	ARITHMETIC LOGICAL UNIT DATA INPUT This signal is data input to the RALU from the MCP Board, the RALU Constant Load, or the Condition Code Register.
ALUIN1-1	2-2 2-5 3-4	2-4 P201-B21	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ALUIN2-1	2-2 2-5 3-4	2-4 P201-A22	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN3-1	2-2 2-5 3-4	2-4 P201-B22	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN4-1	2-2 2-5 3-4	2-4 P201-A23	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN5-1	2-2 2-5 3-4	2-4 P201-B23	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN6-1	2-2 2-5 3-4	2-4 P201-A24	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN7-1	2-2 2-5 3-4	2-4 P201-B24	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUINO-1.
ALUIN8-1	2-2 3-4	2-4 P201-A25	ARITHMETIC LOGICAL UNIT DATA INPUT This signal is data input to the RALU from the MCP Board, or the RALU Constant Load.
ALUIN9-1	2-2 3-4	2-4 P201-B25	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUIN10-1	2-2 3-4	2-4 P201-A26	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUIN11-1	2-2 3-4	2-4 P201-B26	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ALUIN12-1	2-2 3-4	2-4 P201-A27	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUIN13-1	2-2 3-4	2-4 P201-B27	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUIN14-1	2-2 3-4	2-4 P201-A28	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUIN15-1	2-2 3-4	2-4 P201-B28	ARITHMETIC LOGICAL UNIT DATA INPUT See ALUIN8-1.
ALUINHI-1	3-2	3-4	ALU INPUT LATCH HI CLOCK This signal latches the data from the MB8 thru MB15 lines into the ALUIN Latch on the MCP Board.
ALUINLO-1	3-2	3-4	ALU INPUT LATCH LO CLOCK This signal latches the data from the MB0 thru MB7 lines into the ALUIN Latch on the MCP Board.
ALUOUT0-1	2-4	2-3 2-5 3-4 P201-A29	ARITHMETIC LOGICAL UNIT DATA OUTPUT This signal is data output from the RALU to the MCP Board, the Condition Code Set- up, or the Micro Sequencer Branch Control.
ALUOUT1-1	2-4	2-3 2-5 3-4 P201-B29	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT0-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ALUOUT2-1	2-4	2-3 2-5 3-4 P201-A30	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT0-1.
ALUOUT3-1	2-4	2-3 2-5 3-4 P201-B30	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT0-1.
ALUOUT4-1	2-4	2-5 3-4 P201-A31	ARITHMETIC LOGICAL UNIT DATA OUTPUT This signal is data output from the RALU to the MCP Board or the Condition Code Set-up.
ALUOUT5-1	2-4	2-5 3-4 P201-B31	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT4-1.
ALUOUT6-1	2-4	2-5 3-4 P201-A32	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT4-1.
ALUOUT7-1	2-4	2-5 3-4 P201-B32	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT4-1.
ALUOUT8-1	2-4	3-4 P201-A33	ARITHMETIC LOGICAL UNIT DATA OUTPUT Data output from the RALU to the MCP Board.
ALUOUT9-1	2-4	3-4 P201-B33	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUT10-1	2-4	3-4 P201-A34	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ALUOUT11-1	2-4	3-4 P201-B34	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUT12-1	2-4	3-4 P201-A35	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUT13-1	2-4	3-4 P201-B35	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUT14-1	2-4	3-4 P201-A36	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUT15-1	2-4	3-4 P201-B36	ARITHMETIC LOGICAL UNIT DATA OUTPUT See ALUOUT8-1.
ALUOUTEN-0	3-3	3-1 3-4	ALU OUTPUT LATCH ENABLE This signal enables the ALUOUT Latch output on the MCP Board to be active on the MBO thru MB15 lines.
ALUTOPC-0	3-2	3-3	ALU TO PROGRAM COUNTER This signal indicates that a data transfer operation from the ALU to the Program Counter is taking place on the MCP Board.
ANODE (FGA) (F.G.ANODE)	10-1 10-2 12-1	10-1 12-1 P133- (7,8,9,10)	ANODE This analog signal is the crt anode control line from the Storage Board to the crt.
ANTIBURN	6-1 9-2	6-1 11-1 P40-2*[11] J40-37* P130-37[9]	An analog signal from the De- flection Amplifier Board to the High Voltage and Z Axis Board. When positive, this signal reduces the crt writing beam intensity. This signal goes positive when the deflec- tion approaches zero velocity.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ATN-0	4-3 5-4	4-3 P101-B6 P106-11 P6-11	<p>ATTENTION</p> <p>This signal is activated by the 4054 when it is transmitting multiline interface messages over the General Purpose Interface Bus(GPIB). Only an active controller (4054 assumes it is the only controller) asserts ATN. When ATN is true, data on the data lines DIO1 thru DIO8 is interpreted as a talk address, listen address ,untalk, unlisten, or any other multiline interface message specified in the IEEE Standard 488-1975 (IEEE Standard Digital Interface for Programmable Instrumentation). When ATN is false, the assigned talker can send device dependent information over the data lines DIO1 thru DIO8.</p>
BRA0-1 thru BRA11-1	2-2	2-3	<p>SEQUENCER BRANCH ADDRESS</p> <p>These are the address lines to the Micro ROM Sequencer that are used during a Micro ROM branch from an instruction during a fetch, from an interrupt, or from the Micro ROM.</p>
BRANCH-1	2-3	P201-A6	<p>BRANCH</p> <p>This signal indicates that a branch operation is in process.</p>
BREAK-0	5-6	16-1 P103-10 P60-3[16]	<p>BREAK</p> <p>This signal is used to light the BREAK light. When the light is on, it indicates that program execution halts at the completion of the current BASIC program language statement; then the BREAK light goes out.</p>

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
BRESTART-0	5-3 7-1	7-1 8-1 8-2 P114-32 P305-40 P306-40 P314-32	<p>BUFFERED RESTART</p> <p>This signal is the buffer RESTART-0 signal. The signal is used on the Vector Generator Board and the Display Controller Board to initial the boards to an initial power up state.</p>
BRITE-0	6-1 8-1	6-1 11-1 P40-8*[11] J40-47* P530-47	<p>BRITE</p> <p>A TTL low from the Display Controller Board activates BRITE Intensity. In combination with a low level on DEFOCUS-0, the BRITE-DEFOCUS mode is useful for wide vectors. If DEFOCUS-0 is allowed to go high, the writing mode is BRITE-FOCUS.</p>
BRMUX0-1 thru BRMUX5-1	2-3	2-3	<p>BRANCH MULTIPLEXER</p> <p>These are two 3-line groups (BRA0 thru BRA2 and BRA3 thru BRA5) from the Pipeline Register which are used to select the branch conditions.</p>
BROT-0	2-3	2-3	<p>BRANCH ON TRUE</p> <p>When high, this signal inverts the branch conditions selected by BRA0 thru BRA5.</p>
BSHIFT-0	5-3 7-1	7-1 8-1 P114-30 P305-7 P306-7 P314-30	<p>BUFFERED SHIFT</p> <p>This buffered signal indicates to the Display Controller Board and the Vector Generator Board that the shift key on the keyboard has been depressed and to reset the View Timer.</p>

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
BUFCLK-1	5-3	5-4	<p>BUFFER CLOCK</p> <p>This signal is used to strobe data into the digital-to-analog converter data registers. It restarts a 90-second view mode timer; if vectors are to be drawn, it also initiates a 3.7 millisecond pulse (VPULSE) used to time vector draws.</p>
BUSY-0	5-6	16-1 P103-32 P60-4[16]	<p>BUSY</p> <p>This signal lights the BUSY light to indicate that the 4054 is busy transferring or processing data. BUSY is also driven by a programmed square wave to cause an audio tone at the speaker.</p>
C6-1	8-1	8-2	<p>COMMAND BIT 6</p> <p>This Bit 6 output of the display command register on the Display Control Board is used to select the XGIN or YGIN.</p>
CASCLK-1	4-3	4-4	<p>COLUMN ADDRESS SELECT CLOCK</p> <p>The clock used to load the column address into the RAM in the RAM Array.</p>
CATHODE (FGC) (F.G.CATHODE)	10-1 12-1	10-1 12-1 P133-(3,4) P134-(1,2)	<p>CATHODE</p> <p>This is the flood gun ground signal to the crt cathode from the Deflection Amplifier Board to the High Voltage and Z Axis Board.</p>
CCC0-1 thru CCC4-1	2-3	2-5	<p>CONDITION CODE CONTROL</p> <p>The address lines from the Pipeline Register to the Condition Code Set-up ROMs.</p>

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
CCRC-1	2-5	2-3 2-4	CONDITION CODE REGISTER CARRY BIT The carry condition line from the condition code register.
CCRD-1	2-5 3-2	3-2 3-3 P201-A8	CONDITION CODE REGISTER D BIT This line determines which memory space is selected for data. Memory space selected is either RAM (high) or ROM (low).
CCRF-1	2-5	3-2 P201-B8	CONDITION CODE REGISTER F BIT This line determines the location of fetched opcodes. The location is either ROM space (high) or RAM space (low).
CCRH-1	2-5	2-3	CONDITION CODE HALF-CARRY BIT This is the half-carry condition from the Condition Code Register.
CCRI-1	2-5	2-2	CONDITION CODE REGISTER INTERRUPT BIT This is the interrupt enable and disable line from the Condition Code Register used with the IRQ-0 and DSPINT-0 interrupt lines.
CCRN-1	2-5	2-3 2-4	CONDITION CODE REGISTER NEGATIVE BIT This is the negative condition line from the Condition Code Register.
CCRV-1	2-5	2-3	CONDITION CODE REGISTER OVERFLOW BIT This is the overflow condition line from the Condition Code Register.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
CCRZ-1	2-5	2-3	CONDITION CODE REGISTER ZERO BIT This is the zero condition line from the Condition Code Register.
CE-1	10-1 12-1	10-1 12-1 J4-3 J132-3 J133-5	COLLIMATION ELECTRODE 1 This analog signal is one of the erase lines from the Stor- age Board to the crt.
CE-2	10-1 12-1	10-1 12-1 J4-2 J132-2 J133-6	COLLIMATION ELECTRODE 2 This analog signal is one of the erase lines from the Stor- age Board to the crt.
CLK1-0	4-2	4-3	CLOCK 1 This is the inverse of the M4ONSCLK-1 signal on the MAS Board; used for timing.
CLK2-0	4-2	4-3	CLOCK 2 This is the inverse of the M4ONSCLK-1 signal on the MAS Board; used for timing.
CLKLSB-1	3-1	3-2	CLOCK LEAST SIGNIFICANT BYTE This is the timing signal used to clock the least significant byte on the MCP Board.
CLKMSB-1	3-1	3-2	CLOCK MOST SIGNIFICANT BYTE This timing signal is used to clock the most significant byte on the MCP Board.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
CLRPER-1	5-3	4-4 P101-B19	CLEAR PARITY ERROR The control line used to clear the Parity Error flip-flop. The line is asserted by firmware when determining the amount of RAM space available for system use.
COMCLK-1	2-1 3-3 4-3	3-3 4-3 5-2 P101-B41 P155-A2 P201-B40 P255-A2 J5-B10	COMMUNICATIONS CLOCK This is a 2.4576 MHZ clock used by the I/O Board to supply a communications clock for the backpacks and ROM packs, generate magnetic tape clocking, and the display NOBURN signal.
CONSTROM-0	4-2	4-5	CONSTANT ROM ADDRESS The enable address of the constant ROM in the ROM Array.
CPCLK-1	2-1	2-2 2-3 2-4	CENTRAL PROCESSOR CLOCK This is the main internal timing clock on the ALU Board used by the RALU, the Micro ROM Sequencer, and the Interrupt Generator. One micro cycle is from the rising edge of the clock to the next rising edge. This is the same as the CPUCLK-1 to the MCP Board.
CPINIT-0	2-1	2-2 2-3	CENTRAL PROCESSOR INITIATION This is the buffered RESTART-0 signal used to initialize the ALU Board.
CPINIT-1	2-1	2-2	CENTRAL PROCESSOR INITIATION This is the inverse of the RESTART-0 signal used to initialize the ALU Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
CPINITA-0	2-1	2-5	CENTRAL PROCESSOR INITIATION A This is the buffered RESTART-0 signal used to initialize the ALU Board.
CPUCLK-1	2-1 3-1	3-1 3-4 P201-B15	CENTRAL PROCESSOR UNIT CLOCK This is the micro cycle timing signal to the MCP Board from the ALU Board. It is used on the MCP Board to indicate when data and pipeline instructions from the ALU Board are ready. This signal is the same as CPCLK-1.
CROMENA-0	2-2	2-3 2-5	CONTROL ROM ENABLE This signal enables the control ROMs (Fetch, Condition Code Set-up, and Branch Con- trol).
CRYCO-1 thru CRYC1-1	2-3	2-4	CARRY-IN CONTROL These are the carry-in control lines from the Pipeline Regis- ter to the Shift Control.
CTRL-0	13-1	5-3 P103-6 P31-4	CONTROL This signal is generated by pressing the CTRL (control) key on the keyboard.
CTLSTB-1	5-3	8-1 P104-18 P304-18	CONTROL STROBE This signal is generated on the I/O Board during a display command write to the I/O Board. On the rising edge of this signal, the Display Con- troller Board starts to pro- cess the command.
CXSTEP-1	7-1	7-2 8-2 P305-16 P306-16	COUNTER X AXIS STEP This signal is one of the con- trol lines from the Vector Generator Board used for step- ping the X axis counter.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
CYSTEP-1	7-1	7-2 8-2 P305-37 P306-37	COUNTER Y AXIS STEP This signal is one of the control lines from the Vector Generator Board used for stepping the Y axis counter.
D1-1	8-1	P305-18	DISPLAY PHASE 1 CLOCK The display timing clock on the Display Controller Board.
D2-1	8-1	8-2 P305-19	DISPLAY PHASE 2 CLOCK The display timing clock on the Display Controller Board.
DATAVALID-0	3-1	4-3 P155-A5 P255-A5	DATA VALID This signal from the MCP Board is used to tell the MAS Board that the data on the MB0 thru MB15 lines is valid.
DAV-0	4-3 5-4	4-3 P101-A10 P106-6 P6-6	DATA VALID The true state of this signal specifies that data on the General Purpose Interface Bus (GPIB) data lines, DIO1 through DIO8, is valid.
DAVBL-1	8-2	8-1	DATA AVAILABLE A control line on the Display Controller Board that indicates when the selected axis register has crossed the value of the GIN position.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DAX-0	5-1	4-3 P101-A16	DATA ACCEPTED OR AVAILABLE FROM EXTERNAL This signal goes from the I/O Board to the MAS Board. During an I/O operation it indicates that, for a write cycle, the data has been accepted, and for a read cycle, the data is available.
DBUSY-0	6-1 10-2	6-1 8-1 P430-43 P530-43	DISPLAY BUSY The control signal from the Storage Board to the Display Controller Board, when low, indicates that the display is busy in the mode, erasing the screen, or doing a hard copy operation.
DCLK-1	8-1	7-1 P305-39 P306-39	DISPLAY CLOCK The display clock from the Display Controller Board to the Vector Generator Board used in storage mode at a frequency of 5 Mhz and in write thru mode at a frequency of 15 Mhz. The clock frequency is controlled by the WRITETHRU-1 signal.
DCNFRM-0	4-2	3-1 4-4 P155-A6 P255-A6	DATA CONFIRMED This signal from the MAS Board tells the MCP Board that the data on the MB0 thru MB15 lines has been accepted (write to memory) or is valid (read from memory).
DCTL0-1	5-3	8-1 P104-17 P304-17	DISPLAY CONTROL LINE This signal is a display control line from the I/O Board to the Display Controller Board that carries the display command.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DCTL1-1	5-3	8-1 P104-16 P304-16	DISPLAY CONTROL LINE See DCTLO-1.
DCTL2-1	5-3	8-1 P104-15 P304-15	DISPLAY CONTROL LINE See DCTLO-1.
DCTL3-1	5-3	8-1 P104-14 P304-14	DISPLAY CONTROL LINE See DCTLO-1.
DCTL4-1	5-3	8-1 P104-13 P304-13	DISPLAY CONTROL LINE See DCTLO-1.
DCTL5-1	5-3	8-1 P104-12 P304-12	DISPLAY CONTROL LINE See DCTLO-1.
DCTL6-1	5-3	8-1 P104-11 P304-11	DISPLAY CONTROL LINE See DCTLO-1.
DCTL7-1	5-3	8-1 P104-10 P304-10	DISPLAY CONTROL LINE See DCTLO-1.
DDO-1	7-1	7-2 8-2 P305-6 P306-6	DISPLAY DATA This signal is a display data line used on the Display Con- troller Board and the Vector Generator Board.
DD1-1	7-1	7-2 8-2 P305-5 P306-5	DISPLAY DATA See DDO-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DD2-1	7-1	7-2 8-2 P305-4 P306-4	DISPLAY DATA See DD0-1.
DD3-1	7-1	7-2 8-2 P305-3 P306-3	DISPLAY DATA See DD0-1.
DD4-1	7-1	7-2 8-2 P305-2 P306-2	DISPLAY DATA See DD0-1.
DD5-1	7-1	7-2 8-2 P305-1 P306-1	DISPLAY DATA See DD0-1.
DD6-1	7-1	7-2 8-2 P305-21 P306-21	DISPLAY DATA See DD0-1.
DD7-1	7-1	7-2 8-2 P305-22 P306-22	DISPLAY DATA See DD0-1.
DD8-1	7-1	7-2 8-2 P305-23 P306-23	DISPLAY DATA See DD0-1.
DD9-1	7-1	7-2 8-2 P305-24 P306-24	DISPLAY DATA See DD0-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DD10-1	7-1	7-2 8-2 P305-25 P306-25	DISPLAY DATA See DDO-1.
DD11-1	7-1	7-2 8-2 P305-26 P306-26	DISPLAY DATA See DDO-1.
DEFOCUS-0	6-1 8-1	6-1 11-1 P10-9* J10-49* P530-49	DEFOCUS When DEFOCUS-0 is low, the focus of the crt writing beam is changed, thus producing a slightly wider trace (defocused). When DEFOCUS-0 is high, the crt writing beam is focused (not spread out).
DELAYIN-1	5-2	14-2 P102-34 P81-34	DELAY INPUT This is a general purpose trigger signal derived from the Selected Operation Trigger (SOT) signal.
DELAYOUT-1	14-2	5-1 P102-26 P81-26	DELAY OUTPUT This signal is a general timing pulse that is 40 microseconds long. It is generated by a one shot on the Tape Drive Board. DELAY OUT is triggered by the DELAY IN signal from the I/O Board.
DEN-1	3-1	3-3	DATA ENABLE This enable data signal on the MCP Board that times the output of the ALUOUT Latch to the MBO thru MB15 lines.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DIO1-0	4-3 5-4	4-3 P101-A1 P106-1 P6-1	DATA IN AND OUT BUS This is a bi-directional data line used on the General Pur- pose Interface Bus (GPIB).
DIO2-0	4-3 5-4	4-3 P101-A2 P106-2 P6-2	DATA IN AND OUT BUS See DIO1-0.
DIO3-0	4-3 5-4	4-3 P101-A3 P106-3 P6-3	DATA IN AND OUT BUS See DIO1-0.
DIO4-0	4-3 5-4	4-3 P101-A4 P106-4 P6-4	DATA IN AND OUT BUS See DIO1-0.
DIO5-0	4-3 5-4	4-3 P101-A5 P106-13 P6-13	DATA IN AND OUT BUS See DIO1-0.
DIO6-0	4-3 5-4	4-3 P101-A6 P106-14 P6-14	DATA IN AND OUT BUS See DIO1-0.
DIO7-0	4-3 5-4	4-3 P101-A7 P106-15 P6-15	DATA IN AND OUT BUS See DIO1-0.
DIO8-0	4-3 5-5	4-3 P101-A8 P106-16 P6-16	DATA IN AND OUT BUS See DIO1-0.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DIRECT+8-1	3-2	3-4	DIRECT 8 BITS This signal clears the Zero High/Sign Extended Latch during a direct data operation.
DIRECT-1	2-2 3-2	3-2 3-3 P201-A13	DIRECT This signal line from the Fetch Control on the ALU Board to the MCP Board indicates that the fetched opcode is a direct operation.
DIRRD8-0	3-2	3-3	DIRECT READ 8 BITS This signal to the Mbus Enable on the MCP Board indicates an 8-bit direct read.
DODIRECT-0	3-2	3-3	DO DIRECT This signal line to the Mbus Enable on the MCP Board indicates the start of a direct operation.
DODIRRAM-0	3-2	3-3	DO DIRECT RAM This signal line to the Mbus Enable on the MCP Board indicates a direct operation to the RAM space.
DOIMD16-0	3-2	3-3	DO IMMEDIATE 16 BIT This signal line to the Mbus Enable on the MCP Board indicates an immediate 16-bit operation.
DOIMD16RAM-0	3-2	3-3	DO IMMEDIATE 16 RAM SPACE This signal line to the Mbus Enable on the MCP Board indicates an immediate 16-bit operation on RAM space.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DOIMD8-0	3-2	3-3	DO IMMEDIATE 8 BIT This signal line to the Mbus Enable on the MCP Board indicates an immediate 8-bit operation.
DREAD-0	3-2	3-1	DATA READ This signal to the ALU Handshake on the MCP Board indicates a read (low) or a write (high) operation.
DRL-1	8-1	8-2	DRAW LIGHT The control line on the Display Controller Board used for drawing a continuous vector on the crt.
DRM-1	8-1	8-2	DRAW MASKED The control line on the Display Controller Board used for drawing dashed lined on the crt using the dashed mask.
DRTAPE-0	5-2	14-1 P102-33 P81-33	DRIVE TAPE This signal is generated through a Peripheral Interface Adapter (PIA) to turn the tape unit motor on and off. When DRTAPE is true, the tape motor is turned on; when it is false, the tape motor is turned off.
DSCLK-1	8-1	8-2	DISPLAY CLOCK The continuous running display clock used on the Display Controller Board. The frequency of this clock is determined by WRITETHRU-0.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DSPINT-0	3-3 4-3	2-2 3-3 4-3 5-3 P101-A13 P155-A14 P201-A40 P255-A14	NOT USED
DSPINTU-0	8-1	5-3 P104-9 P304-9	NOT USED
DSRCK-1	5-2	8-1 P104-19 P304-19	DISPLAY REFRESH CLOCK This is the 9.6 kHz clock from the I/O Board to the Display Controller Board used for clocking the Refresh Timer. DSRCK is divided down to 37.5 Hz on the Display Controller Board.
DSTAT0-1	8-1	5-3 P104-8 P304-8	DISPLAY STATUS LINE This is a data line from the Display Controller Board to the I/O Board used for display status information.
DSTAT1-1	8-1	5-3 P104-7 P304-7	DISPLAY STATUS LINE See DSTAT0-1.
DSTAT2-1	8-1	5-3 P104-6 P304-6	DISPLAY STATUS LINE See DSTAT0-1.
DSTAT3-1	8-1	5-3 P104-5 P304-5	DISPLAY STATUS LINE See DSTAT0-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
DSTAT4-1	8-1	5-3 P104-4 P304-4	DISPLAY STATUS LINE See DSTATO-1.
DSTAT5-1	8-1	5-3 P104-3 P304-3	DISPLAY STATUS LINE See DSTATO-1.
DSTAT6-1	8-1	5-3 P104-2 P304-2	DISPLAY STATUS LINE See DSTATO-1.
DSTAT7-1	8-1	5-3 P104-1 P304-1	DISPLAY STATUS LINE See DSTATO-1.
DYN FOCUS (DYNAMIC FOCUS)	6-1 9-1	6-1 11-1 P40-3*[11] J40-38* P130-38[9]	DYNAMIC FOCUS This signal from the Storage Board to the High Voltage and Z Axis Board modifies the focus electrode voltage to maintain a consistently focused writing beam over the crt.
EAB0-1 thru EAB15-1	4-1	4-4 4-5	EVEN ADDRESS BUS This is the even address to the Even RAM Array, the Even ROM Array, and the External Address Buffer on the MAS Board.
EBYTE-1	4-4	4-5	EVEN BYTE This signal indicates to the RAM Control, the ROM Control, and the Parity Error Latch that the even byte is being used.
ENTJOY-0	8-2 P40-7[J]	5-4 8-2 P104-18 P304-20 P307-9	NOT USED

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
EOI-0	4-3 5-4	4-3 P101-B3 P106-5 P6-5	END OR IDENTIFY This signal is set true by an assigned talker on the GPIB to signal the end of data. Since parallel poll operations are not implemented in the 4054, the identify function of EIO is not implemented. During normal bus operation, EIO accompanies the last data byte to be transmitted.
EOVT-0	8-2	8-1	END OF VECTOR TRIGGER The control line on the Display Controller Board used to reset the vector draw register (DRL-1, DRM-1, and VIP).
EPARITY-1	4-1	4-4	EVEN PARITY SUM This is the parity error signal line to the Parity Error Latch. High indicates a parity error.
EPDIN-1	4-1	4-4	EVEN PARITY IN This is the even RAM parity data input from the Parity Generating and Checking block.
EPDOUT-1	4-4	4-1	EVEN PARITY OUT This is the output signal of the parity RAM to the Parity Generating and Checking block.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
EPIAS-0	4-3 5-1	4-3 P101-A20 J5-A24	EXTERNAL PERIPHERAL INTERFACE ADAPTER SELECT This signal goes true whenever an address on the data bus is a valid external peripheral address. External Peripheral Interface Adapters (PIAs) are optional interfaces in ROM pack cartridges that are in- serted into backpack slots.
ER-0/EW-1	5-1	5-3 5-4	EXTERNAL READ/EXTERNAL WRITE This line is the inverse of the ER-1/EW-0 line.
ER-1/EW-0	5-1	5-4	EXTERNAL READ/EXTERNAL WRITE This line is the inverted and buffered signal from the R/W-1 line from the MAS Board.
ERAB1-0 thru ERAB7-1	4-1	4-4	EVEN RAM ADDRESS BUS This is the Even RAM Array address lines from the Address Bus.
ERASE TRIGGER	10-2	10-1	ERASE TRIGGER The signal on the Storage Board used to trigger the Erase Waveform Generator.
ERASE-0	6-1 8-1	6-1 10-2 P430-44 P530-44	ERASE The control signal from the Display Controller Board to the Storage Board used to start the erase cycle.
ERBO-1 thru ERB7-1	4-1	4-4 4-5	EVEN RAM/ROM DATA BUS These lines form the data bus between the Even RAM Array, Even ROM Array, and the Data Bus.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ERD-1/EWD-0	5-1	5-2 5-3	EXTERNAL READ/EXTERNAL WRITE This signal is the ER-1/EW-0 signal delayed by a resistor.
ERLPIAE-1	4-3 5-1	4-3 5-3 5-4 P101-A12 J5-A20	EARLY PERIPHERAL INTERFACE ADAPTER ENABLE Similar to PIAE signal, except this line is only active for valid external cycles and ends 50 nanoseconds before PIAE.
EXD0-1	4-1 5-4	5-2 5-3 P101-B34 J5-B15	EXTERNAL DATA LINE This is an external I/O data line.
EXD1-1	4-1 5-4	5-2 5-3 P101-B33 J5-A15	EXTERNAL DATA LINE See EXD0-1.
EXD2-1	4-1 5-4	5-2 5-3 P101-B32 J5-B16	EXTERNAL DATA LINE See EXD0-1.
EXD3-1	4-1 5-4	5-2 5-3 P101-B31 J5-A16	EXTERNAL DATA LINE See EXD0-1.
EXD4-1	4-1 5-4	5-2 5-3 P101-B30 J5-B17	EXTERNAL DATA LINE See EXD0-1.
EXD5-1	4-1 5-4	5-2 5-3 P101-B29 J5-B18	EXTERNAL DATA LINE See EXD0-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
EXD6-1	4-1 5-4	5-2 5-3 P101-B28 J5-A18	EXTERNAL DATA LINE See EXD0-1.
EXD7-1	4-1 5-4	5-2 5-3 P101-B27 J5-B19	EXTERNAL DATA LINE See EXD0-1.
EXDB0-1 THRU EXDB7-1	5-4	5-3	EXTERNAL DATA LINE BUFFERED The buffered external data lines used on the I/O Board.
EXLATCLK-1	4-3	4-1	EXTERNAL DATA LATCH CLOCK This signal is used by the Data Bus on the MAS Board to latch the first external data byte during a two-byte external data read.
EXT-0	4-2	4-4 P155-A12	EXTERNAL This is the signal to the Parity Error Latch to disable the parity interrupt during an external data read.
EXTBUF-1	4-2	4-1	EXTERNAL DATA BUFFER ENABLE This is the signal to the Data Bus to output the external data received.
EXTDADDRRAM-0	3-2	3-3	EXTENDED ADDRESS RAM SPACE This is the signal to the Mbus Enable that the data on the MB0 thru MB15 lines is a RAM space address.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
EXTEN-0	4-3 5-1	4-3 P101-A14 J5-A23 J5-B21	EXTERNAL ENABLE This line goes low when the I/O Board is processing an external request from the MAS Board.
EXTENDED-1	2-2	3-2 P201-B13	EXTENDED This is the signal line from the Fetch Control to the MCP Board that the opcode instruction is extended.
EXTNDDATA-0	3-2	3-3	EXTENDED DATA This is the signal line to the Mbus Enable on the MCP Board to output the Program Counter to the MBO thru MB15 lines for 16-bit extended read.
EXTNDDRAM-0	3-2	3-3	EXTENDED DATA RAM SPACE This is the signal line to the Mbus Enable on the MCP Board that the data operation is for RAM space.
EXTNDDR8-0	3-2	3-3	EXTENDED DATA READ 8 BITS This is the signal line to the Mbus Enable on the MCP Board that the operation is an 8-bit extended read from memory.
EXTNDDWR-0	3-2	3-3	EXTENDED DATA WRITE This is the signal line to the Mbus Enable on the MCP Board that the operation is a extended write to memory.
EXTREQ-0	4-3	5-1 P101-A17	EXTERNAL REQUEST This signal indicates a request from the MAS Board for either an I/O operation or data from a ROM pack.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
+FAST RAMP (YHC RAMP)	6-1 J41-3	6-1 9-1 P60-2*[6] J60-26* P130-26[9]	+FAST AXIS HARD COPY RAMP This analog line is the fast ramp deflection voltage from the hard copy unit to the Deflection Amplifier Board used during a hard copy operation.
FAST-1	5-2	14-1 P102-31 P81-31	FAST This signal is generated on the I/O Board to select the operating speed of the tape drive motor. When FAST is true, a tape speed of 90 inches per second is enabled. When FAST is false, the normal read/write tape speed of 30 inches per second is enabled.
FCREAD-1	2-2	3-2 P201-A14	FETCH CONTROL READ This serves as the read (high) or write (low) line from the Fetch Control to the MCP Board.
FCWRITE-1	3-2	3-3	FETCH CONTROL WRITE This is the inverse of the FCREAD-1 line used by the Mbus Enable on the MCP Board.
FMARK-1	5-2	5-3	FILE MARK This signal is generated by the ICG (InterCharacter Gap) counter when reading the tape and a file mark has been encountered. A file mark consists of eight consecutive intercharacter gaps separated by flux reversals on track 0, one reversal between each gap.
FRA0-1	3-4	2-2 P201-A16	FETCH ROM ADDRESS LINE This is the fetched opcode from the MAS Board to the Instruction Register. Same line as MB8.

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
FRA1-1	3-4	2-2 P201-B16	FETCH ROM ADDRESS LINE See FRA0-1.
FRA2-1	3-4	2-2 P201-A17	FETCH ROM ADDRESS LINE See FRA0-1.
FRA3-1	3-4	2-2 P201-B17	FETCH ROM ADDRESS LINE See FRA0-1.
FRA4-1	3-4	2-2 P201-A18	FETCH ROM ADDRESS LINE See FRA0-1.
FRA5-1	3-4	2-2 P201-B18	FETCH ROM ADDRESS LINE See FRA0-1.
FRA6-1	3-4	2-2 P201-A19	FETCH ROM ADDRESS LINE See FRA0-1.
FRA7-1	3-4	2-2 P201-B19	FETCH ROM ADDRESS LINE See FRA0-1.
FRBUSY-1	2-1	3-1 P201-B9	FETCH ROM BUSY This is the timing signal from the ALU Board to the MCP Board used to supply time for the set up of the Fetch Control lines. On the falling edge of FRBUSY, the Fetch Control output is stable.
FRCLK-1	3-2	2-1 2-2 P201-B11	FETCH ROM CLOCK This is the timing line from the MCP Board to the ALU Board that on the rising edge indicates a stable opcode on the FRA0 thru FRA7 lines.
FRCLR-1	2-1	3-1 P201-B38	FETCH ROM CLEAR This timing line from the ALU Board to the MCP Board indicates that the ALU has accepted the fetched opcode.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
FRDONE-1	3-1	3-4	FETCH ROM DONE This latched signal line for FRCLR-1 on the MCP Board is used to set up for the data transfer needed by the fetched opcode.
FREQ-0	3-2	3-3	FETCH REQUEST This is the inverse of the FREQ-1 line used by the Mbus Enable to output the Program Counter to the MBO thru MB15 lines.
FREQ-1	3-1	3-2	FETCH REQUEST This latched request line on the MCP Board indicates that a fetch is in progress.
FREQRAM-0	3-2	3-3	FRETCH REQUEST RAM SPACE This is the signal line to the Mbus Enable on the MCP Board that indicates a opcode fetch from RAM space.
GBUSY-0	6-1 8-1	6-1 10-2 P430-50 P530-50	G BUSY This control signal from the Display Controller Board to the Storage Board resets the View-Erase Counters.
H.C.INT (HARD COPY INTENSITY)	6-1	6-1 11-1 P40-6*[11] J40-D* P45-2* J45-D* P103-14 P103-31 P5002-2	HARD COPY INTENSITY This analog control line from the adjustment pot on the front below the keyboard to the High Voltage and Z Axis Board controls the Z axis intensity during a hard copy operation.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
HC INTER	6-1 J41-5	6-1 11-1 P35-4* J35-C* P40-1*[11] J40-C*	HARD COPY INTERROGATION This signal is the display interrogation pulse from the hard copy unit to the High Voltage and Z Axis Board. As a result, the crt writing beam is pulsed (100 ns pulse width) and the target information signal, TARSIG-0, is developed.
HCS-0	6-1 10-2	6-1 11-1 P40-9*[11] J40-41* P430-41	HARD COPY START This control line from the Storage Board to the High Voltage and Z Axis Board is used as a start control of the Z Axis for a hard copy operation.
HCS-1	10-2	10-1 12-1 P3-2 J131-2	HARD COPY START This signal is the inverse of HCS-0 used on the Hard Copy Amplifier Board to control the TARSIG-0 signal output.
HDWFAIL-0	3-3 4-4	2-2 3-3 P155-A16 P201-B20 P255-A16	HARDWARE FAILURE This is the parity error interrupt from the MAS Board to the ALU Board.
HOLD-0	6-1 10-2	6-1 9-1 P130-18[9] P430-18	HOLD This signal is the Flood Gun Control signal from the Storage Board to the Deflection Amplifier Board.
I/O-0	5-3	16-1 P103-29 P60-2[16]	INPUT/OUTPUT INDICATOR This signal is used to turn on the I/O signal light anytime a device input/output operation (data transfer) is performed.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
IFC-0	4-3 5-4	4-3 P101-B4 P106-9 P6-9	INTERFACE CLEAR This GPIB signal is asserted by the 4054 to force all devices on the bus to a predetermined quiescent state. The INIT statement in the 4050 Series BASIC language causes the IFC line to become active. The 4054, being the only controller and therefore the system controller, is the only source for this signal.
IMMED16-1	2-2	3-2 P201-B12	IMMEDIATE 16 BITS This signal line from the Fetch Control on the ALU Board to the MCP Board indicates that the operation is a 16-bit immediate operation.
IMMED8-1	2-2	3-2 P201-A12	IMMEDIATE 8 BITS This signal line from the Fetch Control on the ALU Board to the MCP Board indicates that the operation is a 8-bit immediate operation.
IMPNOP-0	3-2	3-1	IMPLIED NO OPERATION This signal line from the Instruction Decode on the MCP Board goes low to indicate that the fetched opcode does not use immediate data.
IMPREQ-1	3-1	3-2 3-3	IMPLIED REQUEST This signal from the Request Generator on the MCP Board goes high to indicate that the fetched opcode uses immediate data.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
INCADD-1	4-2	4-1	INCREMENT ADDRESS This signal line to the Address Bus on the MAS Board is used to increment the address adder. When INCADD is high, the odd address lines are incremented and becomes the even address lines. When INCADD is low, the odd address lines are not incremented.
INCPC/1-1	3-2	3-4	INCREMENT PROGRAM COUNTER BY 1 This control line to the Program Counter increments the Program Counter by 1.
INCPC/2-1	3-2	3-4	INCREMENT PROGRAM COUNTER BY 2 This control line to the Program Counter increments the Program Counter by 2.
INTBUF-1	4-4	4-1	INTERNAL DATA BUFFER This is the direction control for the Data Bus to the memory arrays (RAM and ROM). When INTBUF is high, the data goes from the memory arrays; when INTBUF is low, data goes to the memory arrays.
INTREQ-1	2-2	2-3 3-1 P201-A5	INTERRUPT REQUEST This output from the Interrupt Generator on the ALU Board indicates whether an interrupt is pending. When INTREQ is high and at the end of an instruction, the Micro ROM Sequencer branches to the highest priority interrupt Micro ROM address and services the interrupt.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
IPIAS-0	5-1 4-5	4-5 P101-B26	INTERNAL PERIPHERAL INTERFACE ADAPTER SELECT This signal goes true whenever an address on the data bus is a valid internal peripheral address. Internal Peripheral Interface Adapters (PIAs) are located on the I/O board.
IPIASD-0	5-1	5-2 5-6	INTERNAL PERIPHERAL INTERFACE ADAPTER SELECT DELAYED This signal is the same as the IPIAS-0 signal, except delayed by a resistor.
IRQ-0	3-3 4-3 5-3 4-6	2-2 3-3 4-3 4-5 P101-A21 P155-A15 P201-A39 P255-A15 J5-A17	INTERRUPT REQUEST This line is a maskable interrupt request line to the ALU Board.
KBCLK-0	5-2	13-1 P103-3 P31-6	KEYBOARD CLOCK This signal increments a data decoding counter used to interrogate and decode the alphanumeric key being pressed. The clock is generated as an output from the main system clock.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
KBHALT-1	5-3	13-1 P103-7 P31-2	KEYBOARD HALT This is a signal generated by the keyboard interface to stop the keyboard decoding counter until its contents can be read. The count is placed on the key code lines (KC0 through KC6) to specify which key has been pressed. After the the keycode has been read, the KBHALT line again goes false.
KC0-1	13-1	5-3 P103-28 P30-1[13]	KEY CODE LINE This is one of the lines used to read which keyboard key was pressed.
KC1-1	13-1	5-3 P103-27 P30-2[13]	KEY CODE LINE See KC0-1.
KC2-1	13-1	5-3 P103-26 P30-3[13]	KEY CODE LINE See KC0-1.
KC3-1	13-1	5-3 P103-25 P30-4[13]	KEY CODE LINE See KC0-1.
KC4-1	13-1	5-3 P103-24 P30-5[13]	KEY CODE LINE See KC0-1.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
KC5-1	13-1	5-3 P103-23 P30-6[13]	KEY CODE LINE See KC0-1.
KC6-1	13-1	5-3 P103-22 P30-7[13]	KEY CODE LINE See KC0-1.
KEY-1	13-1	5-3 P103-8 P31-1	KEY DOWN This signal goes true whenever a key on the keyboard is pressed.
LA ANALOG	9-1	9-2	LONG AXIS ANALOG This signal is the ANTIBURN control for the long axis on the Deflection Amplifier Board.
LAMP ON	15-1	14-1 P87-8 P360-1	LAMP ON This signal is used to turn on the tape-sensing lamp when the tape cartridge is inserted in- to the instrument. Illumina- tion from the lamp is used to active phototransistors that generate UPHOLE and LOHOLE signals.
LA SLU	9-1	9-2	LONG AXIS SLU This signal is the long axis input to the Slu Sensor on the Deflection Amplifier Board.
LCNST-0	2-3	2-2	LOAD CONSTANT This control line to the RALU Constant Load allows the Pipe- line Register to supply a con- stant for use by the RALU.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
LCOUNT-0	8-1	8-2	LOAD VECTOR LENGTH REGISTER This control signal on the Display Controller Board clocks the value of the vector length into the vector length counters.
LDIR-0	8-1	8-2	LOAD DIRECTION REGISTER This control signal on the Display Controller Board clocks the vector direction into the direction register.
LDPC-1	3-2	3-4	LOAD PROGRAM COUNTER This control line to the Program Counter allows loading of the Program Counter from the MBO thru MB15 lines.
LMODE-0	2-3	3-4 P201-A37	LOAD MODE This is the inverse of LMODE-1. When low, LMODE indicates that the RALU is being loaded from the ALU Board and disables the ALUIN Latch on the MCP Board.
LMODE-1	2-3	2-3	LOAD MODE This is an output from the Pipeline Register. When high, LMODE indicates that the RALU is being loaded from the ALU Board.
LOAD-0	5-2	5-3	LOAD This signal is used to determine if a tape is loaded and available to perform input/output operations.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
LOADED-1	14-2 15-1	5-2 14-2 P102-19 P87-1 P361-1	LOADED This signal is generated by a microswitch in the tape drive to indicate that a tape cartridge is currently in the system.
LOCATE-0	8-1	8-2	LOCATE This signal enables the GIN hardware on the Display Controller Board to count until it crosses the selected GIN axis voltage.
LOHOLE-1	14-1	5-2 P102-28 P81-28	LOWER HOLE INDICATOR This signal is generated by a phototransistor as light shines through the lower magnetic tape hole (right side of the tape). LOHOLE is used to decode Beginning Of Tape (BOT) and End Of Tape (EOT).
LOHOLE	15-1	14-1 P87-7 P361-7	LOWER HOLE INDICATOR This signal is generated by a phototransistor as light shines through the lower magnetic tape hole (right side of the tape). LOHOLE is used to decode beginning of tape (BOT) and end of tape (EOT).
LSABR-0	2-3	2-2	LOAD SEQUENCER ADDRESS BRANCH This control line to the Sequence Micro ROM Branch on the ALU Board allows the Pipeline Register to supply the address for a Micro ROM branch.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
LSAVEC-0	2-3	2-2	LOAD SEQUENCER ADDRESS WITH VECTOR This control line to the Interrupt Generator on the ALU Board allows the Interrupt Generator to supply the address for a Micro ROM branch.
LVTYP-0	8-1	8-2	LOAD VECTOR TYPE The control signal used to load the dash mask register on the Display Controller Board.
LWONFI-1	2-1	P201-A20	NOT USED
LXPOS-0	8-1	7-2 P305-11 P306-11	LOAD X POSITION REGISTER This control signal from the Display Controller Board to the Vector Generator Board clocks the X screen address into X Address Counters.
LXRAT-0	8-1	7-1 P305-10 P306-10	LOAD X RATE REGISTER This control signal from the Display Controller Board to the Vector Generator Board clocks the X rate into the X Rate Multiplier.
LYPOS-0	8-1	7-2 P305-31 P306-31	LOAD Y POSITION REGISTER This control signal from the Display Controller Board to the Vector Generator Board clocks the Y screen address into Y Address Counters.
LYRAT-0	8-1	7-1 P305-30 P306-30	LOAD Y RATE REGISTER This control signal from the Display Controller Board to the Vector Generator Board clocks the Y rate into the Y Rate Multiplier.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
M40NSCLK-1	3-1	4-2 P155-A1 P255-A1	MEMORY 40 NANOSECOND CLOCK This is the system timing clock from the MCP Board to the MAS Board.
MAKECOPY-0	6-1 8-1	6-1 J41-11 P60-1*[6] J60-27* P530-27	MAKE COPY The control signal from the Display Controller Board to the hard copy unit used to initiate a hard copy of the crt.
MB0-1	3-4	4-1 P154-A1 P254-A1	M BUS This is an address and data line between the MCP Board and MAS Board.
MB1-1	3-4	4-1 P154-A2 P254-A2	M BUS See MB0-1.
MB2-1	3-4	4-1 P154-A3 P254-A3	M BUS See MB0-1.
MB3-1	3-4	4-1 P154-A4 P254-A4	M BUS See MB0-1.
MB4-1	3-4	4-1 P154-A5 P254-A5	M BUS See MB0-1.
MB5-1	3-4	4-1 P154-A6 P254-A6	M BUS See MB0-1.
MB6-1	3-4	4-1 P154-A7 P254-A7	M BUS See MB0-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
MB7-1	3-4	4-1 P154-A8 P254-A8	M BUS See MB0-1.
MB8-1	3-4	4-1 P154-A9 P254-A9	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA0.
MB9-1	3-4	4-1 P154-A10 P254-A10	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA1.
MB10-1	3-4	4-1 P154-A11 P254-A11	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA2.
MB11-1	3-4	4-1 P154-A12 P254-A12	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA3.
MB12-1	3-4	4-1 P154-A13 P254-A13	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA4.
MB13-1	3-4	4-1 P154-A14 P254-A14	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA5.
MB14-1	3-4	4-1 P154-A15 P254-A15	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA6.
MB15-1	3-4	4-1 P154-A16 P254-A16	M BUS This is an address and data line between the MCP Board and MAS Board. Same line as FRA7.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
MBEN0-1 thru MBEN3-2	4-2	4-1	M BUS DATA BUFFER ENABLE These control lines enable the data to and from the MBO thru MB15 lines.
MBLIN-1	3-2	3-4	MEMORY BYTE LATCH IN CLOCK This clock to the Memory Byte Latch and the Zero High/Sign Extended on the MCP Board is used to save the second byte (MBO thru MB7) during an instruction fetch.
MBLOUT-0	3-3	3-4	MEMORY BYTE LATCH OUTPUT ENABLE When low, MBLOUT allows the Memory Byte Latch to be output to the MBO thru MB15 lines.
MBUSXFER-0	3-2	3-3	M BUS TRANSFER This control line to the Mbus Enable on the MCP Board indicates a data transfer from the ALUOUT Latch to the MBO thru MB15 lines.
MCP40NSCLK-1	3-1	3-4	MEMORY COMMAND PROCESSOR 40 NANOSECOND CLOCK This signal is the internal system clock used on the MCP Board.
MCPDAV-1	3-2	2-1 P201-B7	MEMORY COMMAND PROCESSOR DATA VALID This control line from the MCP Board to the ALU Board indicates that the data in the ALUIN Latch is valid.

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
MCPINIT-1	3-1	3-4	MEMORY COMMAND PROCESSOR INITIALIZATION This is the inverse of RESTART-0 used on the MCP Board to initialize the board during power up.
MEMDONE-1	4-3	4-2	MEMORY CYCLE DONE This signal used at the end of a memory access to reset the MAS Board for the next memory cycle and allow refresh of the dynamic memory (RAM space).
MEMNOP-0	3-2	3-1	MEMORY NO OPERATION This control line from the Instruction Decode on the MCP Board indicates, when low, that no MAS Board operation is required for this opcode. This line is the inverse of MEMNOP-1.
MEMNOP-1	3-2	3-1	MEMORY NO OPERATION This control line from the Instruction Decode on the MCP Board, when high, indicates that no MAS Board operation is required for this opcode.
MEXT-0	4-1	4-2	M BUS EXTERNAL ADDRESS This control line from the External Address Decode on the MAS Board, when low, indicates that the address is for an external data access.
MHOLD-0	2-3 3-2	3-1 3-2 P201-B37	MEMORY HOLD This control line from the Pipeline Register on the ALU Board to the MCP Board, when low, prevents the MCP Board from fetching the next opcode.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
MINDIRECT-0	3-1	3-2 4-2 P155-A11 P255-A11	MEMORY INDIRECT This control line from the MCP Board to the MAS Board takes the data from the Data Bus output to the MB0 thru MB15 and latches the data into the Address Bus. The MAS Board then gets the data from the new address (performs a memory cycle).
MRDATA-1	14-1	5-2 P102-22 P81-22	MAGNETIC READ DATA This signal is serial data recovered from the tape during a read operation. On the I/O Board, the data is converted to 8-bit parallel data.
MREAD-1	3-2	4-2 P155-A9 P255-A9	MEMORY READ This is the read (high) and write (low) control line from the MCP Board to the MAS Board.
MSPACE-1	3-3 4-1	4-2 4-1 P155-A8 P255-A8	MEMORY SPACE This is the RAM (high) or ROM (low) memory space selection control line from the MAS Board to the MCP Board.
MWORD-1	3-2	4-2 P155-A10 P255-A10	MEMORY WORD This is the 16-bit (high) or 8-bit (low) control line from the MCP Board to the MAS Board.
MYMEM-1	4-2	4-3	MY MEMORY ADDRESS This control line, from the Status Control on the MAS Board, indicates that the address needed by the MAS Board is from the MAS Board (refresh, data indirect, or external 2nd byte access).

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
NDAC-0	4-3 5-4	4-3 P101-B2 P106-8 P6-8	NOT DATA ACCEPTED This is a handshake control line on the GPIB. Its true state indicates that data is not accepted. Listener devices cause this line to go false to signal an acceptance of data in response to DAV.
NEXT-0	2-1	2-1 2-2 3-2 P201-B6	NEXT This signal from the MCP Handshake on the ALU Board, when low, indicates that the next micro cycle is to be a instruction fetch.
NMI-0	3-3 4-3 5-2	2-2 3-3 4-3 P101-B21 P155-A13 P201-B39 P255-A13	NON-MASKABLE INTERRUPT This is a high priority interrupt used by the cartridge tape control logic to request service of the ALU Board. This interrupt cannot be disabled.
NOLI-1	8-2	7-2 P305-32 P306-32	NONLINEAR INTERPOLATION The control signal from the Display Controller Board to the Vector Generator Board used to turn the Deglitch Filters off and on.
NON STORE-0	6-1	10-1 P430-40	NOT USED
NRFD-0	4-3 5-4	4-3 P101-B1 P106-7 P6-7	NOT READY FOR DATA This is a handshake signal used by the GPIB to indicate that a listener is not ready for data. The false state indicates that a listener is ready to receive more data.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
OAB0-1 thru OAB15-1	4-1	4-2 4-4 4-5	ODD ADDRESS BUS These are address lines on the MAS Board from the Address Bus to the RAM Control, ROM Control, Address Decoding and Data Control, Odd Patch FPLA, and Odd ROM Array.
OBYTE-1	4-4	4-5	ODD BYTE This signal indicates to the RAM Control, the ROM Control, and the Parity Error Latch that the odd byte is being used.
OPARITY-1	4-1	4-4	ODD PARITY SUM This is the parity error signal line to the Parity Error Latch. When high, OPARITY indicates a parity error.
OPDIN-1	4-1	4-4	ODD PARITY IN This is the odd RAM parity data input from the Parity Generating and Checking.
OPDOUT-1	4-4	4-1	ODD PARITY OUT This is the output signal of the parity RAM to the Parity Generating and Checking.
ORAB1-0 thru ORAB7-0	4-1	4-4	ODD RAM ADDRESS BUS These are the Odd RAM Array address lines from the Address Bus.
ORB0-1 thru ORB7-1	4-1	4-4 4-5	ODD RAM/ROM DATA BUS These lines form the data bus between the Odd RAM Array, Odd ROM Array, and the Data Bus.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
ORGIN-1	6-1 10-2	6-1 9-1 P130-39[9] P430-39	ORGIN This control signal from the Storage Board to the Deflection Amplifier Board clocks the Origin Shift Counter during an erase cycle. The Origin Shift Counter shifts the axes slightly on the next page of data written to the crt screen. This feature enhances the crt screen life.
PCBUSY-0	3-4	3-1	PROGRAM COUNTER BUSY This output control line from the Program Counter on the MCP Board, when low, indicates that the Program Counter is busy incrementing.
PCFUNCTION-0	3-2	3-1	PROGRAM COUNTER FUNCTION This control line from the Instruction Decode, when low, indicates that the operation involves the Program Counter.
PCOUT-0	3-3	3-4	PROGRAM COUNTER OUT This control line to the Program Counters, when low, allows the contents of the Program Counter to be transferred to the MB0 thru MB15 lines.
PCTOALU-0	3-2	3-3	PROGRAM COUNTER TO ALU BOARD This control line to the Mbus Enable, when low, indicates the contents of the Program Counter is to be transferred to the ALU Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
PIAE-1	4-3 5-1	4-2 4-3 P101-B35 J5-A19	PERIPHERAL INTERFACE ADAPTER ENABLE This signal is derived from the system clock. PIAE is used as a timing or enable pulse for peripheral interfaces such as PIAs and ACIAs.
PIAED-1	5-1	5-2 5-3	PERIPHERAL INTERFACE ADAPTER ENABLE DELAYED This signal is the PIAE-1 sig- nal delayed by a resistor.
PIAS-0	5-1	P101-A22	PERIPHERAL INTERFACE ADAPTER SLOW This signal, when low, pro- vides for slow I/O cycles by stretching the PIAE-1 high time.
PLMC0-1	2-3	2-1 3-2 P201-A10	PIPELINE MEMORY CONTROL This is one of three control lines from the Pipeline Regis- ter on the ALU Board used for micro cycles which require memory access.
PLMC1-1	2-3 3-1	2-1 3-1 3-2 P201-B10	PIPELINE MEMORY CONTROL This is one of three control lines from the Pipeline Regis- ter on the ALU Board used for micro cycles which require memory access.
PLMC2-1	2-3 3-1	2-1 3-1 3-2 P201-A11	PIPELINE MEMORY CONTROL This is one of three control lines from the Pipeline Regis- ter on the ALU Board used for micro cycles which require memory access.

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
PLR43-1 thru PLR55-1	2-3	2-2	PIPELINE REGISTER OUTPUT These output control lines from the Pipeline Register are used either as micro ROM branch address or as ALU constant input.
PLRCLR-0	3-1	3-2	PIPELINE REQUEST CLEAR This is the control line output from the Request Generator to the Instruction Decode on the MCP Board.
PLRDY-0	2-1 3-2	3-1 3-2 P201-A9	PIPELINE READY This timing line from the ALU Board to the MCP Board, when low, indicates the PLMCO thru PLMC2 are valid.
PLREQ-0	3-1	3-2	PIPELINE REQUEST This timing line from the Request Generator to the Instruction Decode on the MCP Board allows the PLMCO thru PLMC2 to be active.
POINT-0	8-1	8-2	POINT The control line on the Display Controller Board used to draw a point at the present beam location.
QA-0	4-2	4-3	QA This is the first stage output of the Memory Request Sequencer on the MAS Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
QA-1	4-2	4-3	QA This is the first stage output of the Memory Request Sequencer on the MAS Board.
QA CLR-0	4-3	4-2	QA CLEAR This is the first stage clear of the Memory Request Sequencer on the MAS Board.
QB-1	4-3	4-2 4-4	QB This is the second stage output of the internal timing control on the MAS Board.
QC-0	4-3	4-1	QC This is the third stage output of the Internal Timing Control on the MAS Board.
QC-1	4-3	4-1	QC This is the third stage output of the Internal Timing Control on the MAS Board.
QE-1	4-3	4-2	QE This is the fifth stage output of the Internal Timing Control on the MAS Board.
QF-0	4-3	4-2	QF This is the sixth stage output of the Internal Timing Control on the MAS Board.
R+W/ADDR-1	3-2	3-3	READ OR WRITE ADDRESS This control line to the Mbus Enable on the MCP Board indicates that the data on the MBO thru MB15 lines is an address.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
R-1/W-0	4-2	5-1 P101-B36 J5-A5	READ/WRITE This signal indicates a read or a write in the system.
RAMADDR-0	4-2	4-3	RAM ADDRESS SPACE This control line from the Address Decode and Data Control on the MAS Board indicates that the RAM space is being addressed.
RAMADDR-1	4-3	4-4	RAM ADDRESS SPACE This control line from the Address Decode and Data Control on the MAS Board indicates that the RAM space is being addressed.
RAMP	14-1	14-2	RAMP The voltage on this analog line determines the speed of the tape motor and, therefore, the cartridge tape velocity. The RAMP voltage is determined by an integrator circuit on the Motor Drive Board. Tape velocity is approximately 10 inches per second for each volt of RAMP voltage.
RCLK-1	14-1	5-2 P102-20 P81-20	READ CLOCK This signal is generated when data is read from the internal magnetic tape. RCLK is used to clock the serial tape data into the serial-to-parallel shift register. It is also interrogated by one shots to decode the various tape formatting patterns (i.e., intercharacter gaps, record marks, file marks and inter-file gaps).

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
RD0-1	7-2	5-3 P114-8 P314-8	READ DISPLAY DATA LINE A display data lined from the Vector Generator Board to the I/O Board used to carry the present position of the writ- ing beam.
RD1-1	7-2	5-3 P114-7 P314-7	READ DISPLAY DATA LINE Refer to RD0-1.
RD2-1	7-2	5-3 P114-6 P314-6	READ DISPLAY DATA LINE Refer to RD0-1.
RD3-1	7-2	5-3 P114-5 P314-5	READ DISPLAY DATA LINE Refer to RD0-1.
RD4-1	7-2	5-3 P114-4 P314-4	READ DISPLAY DATA LINE Refer to RD0-1.
RD5-1	7-2	5-3 P114-3 P314-3	READ DISPLAY DATA LINE Refer to RD0-1.
RD6-1	7-2	5-3 P114-2 P314-2	READ DISPLAY DATA LINE Refer to RD0-1.
RD7-1	7-2	5-3 P114-1 P314-1	READ DISPLAY DATA LINE Refer to RD0-1.
RD8-1	7-2	5-3 P114-12 P314-12	READ DISPLAY DATA LINE Refer to RD0-1.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
RD9-1	7-2	5-3 P114-11 P314-11	READ DISPLAY DATA LINE Refer to RDO-1.
RD10-1	7-2	5-3 P114-10 P314-10	READ DISPLAY DATA LINE Refer to RDO-1.
RD11-1	7-2	5-3 P114-9 P314-9	READ DISPLAY DATA LINE Refer to RDO-1.
READ-0	6-1 J41-9	6-1 9-1 10-2 P60-8*[6] J60-20* P130-20[9] P430-20	HARD COPY READ This control line from the hard copy unit tells the Deflection Amplifier Board and the Storage Board that the display is to use the hard copy ramp inputs for making a hard copy.
READ-1	4-2	4-1 4-3 4-4	READ This control line from the Status Control on the MAS Board indicates that a memory read operation is in process.
REN-0	4-3 5-4	4-3 P101-B5 P106-17 P6-17	REMOTE ENABLE When 4054 activates this signal on the GPIB, the 4054 gets control of all devices on the GPIB, causing these devices to ignore their front panel controls.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
RESTART-0	3-1 4-4 5-1	2-1 3-1 4-2 4-3 4-4 5-2 5-3 5-4 14-1 P81-1 P101-B40 P102-1 P103-14 P155-A7 P201-A38 P255-A7 J5-B20	RESTART This signal is a buffered data line from the MRESTART signal. The RESTART signal resets the 4054 to an initial state and starts the machine operation.
REV-1	5-2	14-1 P102-32 P81-32	REVERSE This signal controls the direction of the tape drive. When REV is true, the tape travels in the backward direction when the tape unit is ordered into motion. When REV is false, the tape travels in the forward direction.
RFRSHEARLY-0	4-2	4-1 4-4	REFRESH EARLY The early refresh signal is used during a refresh cycle on the MAS Board.
RFRSHEARLY-1	4-2	4-1	REFRESH EARLY The early refresh signal is used during a refresh cycle on the MAS Board.
RFRSHLATE-0	4-2	4-3	REFRESH LATE The late refresh signal is used during a refresh cycle on the MAS Board.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
RFRSHLATE-1	4-2	4-1	REFRESH LATE The late refresh signal is used during a refresh cycle on the MAS Board.
ROMCLK-1	4-3	4-5	ROM CLOCK This is the ROM enable signal from the Internal Timing to the ROM Control on the MAS Board.
SA ANALOG	9-1	9-2	SHORT AXIS ANALOG This signal is the ANTIBURN control for the short axis on the Deflection Amplifier Board.
SAFE SW	14-1 15-1	P87-2 P361-2	SAFE SWITCH This switch is open when a tape cartridge is write protected. The switch is closed to attach the +15 volt supply to the tape writing circuits.
SAFE-1	14-1	5-2 P102-27 P81-27	SAFE This signal is generated by the magnetic tape microswitch that indicates whether the tape cartridge is write protected. The true state of the SAFE signal prevents data from being written to the tape cartridge.
SA SLU	9-1	9-2	SHORT AXIS SLU This signal is the short axis input to the Slu Sensor on the Deflection Amplifier Board.
SELECT-0	P40-2[J] (JOYSTICK)	8-2 P307-6	SELECT This signal on the Display Controller is used to select the thumbwheels or the joystick for the GIN inputs.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
SELX0-0	8-1	7-2 P305-12 P306-12	SELECT X ADDRESS OJT This control signal from the Display Controller Board to the Vector Generator Board makes the X address available on the RD0 thru RD11 data lines.
SELY0-0	8-1	7-2 8-2 P305-33 P306-33	SELECT Y ADDRESS OUT The control signal from the Display Controller Board to the Vector Generator Board used to select the Y address to be available on the RD0 thru RD11 data lines.
SEQ0-1 thru SEQ3-1	2-3	2-3	SEQUENCE CONTROL These are four address lines from the Pipeline Register to the Micro Sequencer Branch Control ROM on the ALU Board.
SEQZER-0	2-1	2-3	SEQUENCER ZERO This control line to the Micro ROM Sequencer on the ALU Board outputs a zero address to the Micro ROM to initialize the micro sequence during power up.
SHIFT-0	13-1	5-3 P103-5 P31-3	SHIFT This signal is generated by the keyboard whenever the SHIFT key is pressed.
+SLOW RAMP (XHC RAMP)	6-1 J41-1	6-1 9-1 P60-5*[6] J60-23* P130-23[9]	+SLOW AXIS HARD COPY RAMP This analog line is the slow ramp deflection voltage from the hard copy unit to the Deflection Amplifier Board used during a hard copy operation.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
SLOW-0	4-3 5-1	4-3 P101-B17 J5-14	SLOW This signal, when low, provides for slow I/O cycles by stretching the PIAE-1 high time.
SLU-0	6-1 9-2	6-1 8-1 P530-36	SLU This signal indicates to the Display Controller Board that the Deflection Amplifiers are busy responding to input deflection signals.
SPACER-1	4-2	4-5	SPACE SELECT The space control line from the Status Control on the MAS Board is used to select RAM space (high) or ROM space (low).
SPEAKER	5-3	16-1 P103-12 P60-5[16]	SPEAKER This is a filtered return line for the BUSY signal as it passes through a speaker for generating an audio tone.
SRQ-0	4-3 5-4	4-3 P101-A9 P106-10 P6-10	SERVICE REQUEST This is a control line that is activated by a peripheral device on the GPIB to request service from the 4054. The 4054 responds to SRQ by performing a serial poll of devices on the GPIB.
T160-0	2-1	2-2	TIMING CLOCK 160 The timing clock is used to clear the NMI and HDWFAIL interrupt latches in the Interrupt Generator on the ALU Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
TARGET	10-1 12-1	10-1 12-1 J4-1 J132-1 J133-1	TARGET The analog voltage from the Storage Board to the crt used to establish a voltage on the face of the crt.
TARSIG-0	6-1 12-1	6-1 P130-1[12] P30-2*[6] J30-A* P35-2* J35-A* J41-7	TARGET SIGNAL This signal is the display information signal to the hard copy unit from the Hard Copy Deflection Board during a hard copy operation. The signal is low when the crt scan crosses a written area on the screen.
TNIM-1	14-1	5-2 P102-25 P81-25	TAPE NOT IN MOTION This signal is generated by the magnetic tape motor drive circuits to indicate that the tape has stopped.
TPA-0	2-3	2-5	TRANSFER P REGISTER TO RALU This control signal to the Condition Code Set-up enables the Condition Code Register to be transferred to the ALUINO thru ALUIN7 lines on the ALU Board.
TTY-0	13-1	5-3 P103-21 P30-8[13]	TELETYPE LOCK This signal is generated by the TTY LOCK key on the keyboard. When the TTY LOCK key is down, TTY is true and an abbreviated ASCII character set is selected. When TTY is false, this indicates that the TTY LOCK key is up and the full printing ASCII character set is enabled. Decoding of ASCII characters is performed by the firmware.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
TUTS-1	14-1	5-2 P102-23 P81-23	TAPE UP TO SPEED This signal is generated by the motor drive circuitry to indicate that the tape motor is up to operating speed of 30 or 90 inches per second.
UPHOLE-1	14-1	5-2 P102-30 P81-30	UPPER HOLE This signal is generated by a phototransistor as light shines through the upper magnetic tape hole (left side of tape). UPHOLE is used to decode Beginning Of Tape (BCT), the tape load point, and the early warning hole near the end of tape.
UPHOLE	15-1	14-1 P87-6 P361-6	UPPER HOLE This is the analog signal that generates the UPHOLE-1 signal.
UROM39-1	2-3	2-1	MICRO ROM OUTPUT 39 This is a control signal to the Wait Control on the ALU Board.
UROM55-1	2-3	2-1	MICRO ROM OUTPUT 55 This is a control signal to the Wait Control on the ALU board.
USEINDIRECT-0	3-2	3-1	USE INDIRECT This is the indirect control line to the MAS Control on the MCP Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
VIEW-0	6-1 8-1	6-1 10-2 P430-42 P530-42	VIEW This control signal from the Display Controller Board resets the Flood Gun Control flip-flop and the View-Erase Counters. If the View-Erase Counters are not reset within approximately 112 seconds, the display enters hold mode, and if not reset within approximately 30 minutes, an ERASE pulse is generated to automatically erase the display screen.
VIP-0	8-1	7-1 P305-13 P306-13	VECTOR IN PROGRESS This status line from the Display Controller Board to the Vector Generator Board and the Display Status Register indicates that the display is drawing a vector.
VIP-1	8-1	7-1 8-2 P305-34 P306-34	VECTOR IN PROGRESS This line is the inverse of VIP-0.
VLCC-0	8-1	8-2	VECTOR LINK COUNTER CARRY This signal stops the display clock (DCLK-1) at the end of vector time.
WAIT-0	6-1 J41-14	6-1 10-2 P60-9*[6] J60-19 P430-19	WAIT The control signal from the hard copy unit to the Storage Board used during a hard copy operation. When this signal is low the crt is being scanned. This signal is only used on hard copy units with the multiplexer option.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
WCLK-0	5-2	14-1 P102-29 P81-21	WRITE CLOCK This signal is generated by the magnetic tape write control circuitry. WCLK is used to clock the data onto the magnetic tape.
WDO-1	5-3	7-1 P114-20 P314-20	WRITE DATA LINE A data line from the I/O Board to the Vector Generator Board used to carry the vector data for drawing vectors.
WD1-1	5-3	7-1 P114-19 P314-19	WRITE DATA LINE Refer to WDO-1
WD2-1	5-3	7-1 P114-18 P314-18	WRITE DATA LINE Refer to WDO-1
WD3-1	5-3	7-1 P114-17 P314-17	WRITE DATA LINE Refer to WDO-1
WD4-1	5-3	7-1 P114-16 P314-16	WRITE DATA LINE Refer to WDO-1
WD5-1	5-3	7-1 P114-15 P314-15	WRITE DATA LINE Refer to WDO-1
WD6-1	5-3	7-1 P114-14 P314-14	WRITE DATA LINE Refer to WDO-1
WD7-1	5-3	7-1 P114-13 P314-13	WRITE DATA LINE Refer to WDO-1

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
WD8-1	5-3	7-1 P114-28 P314-28	WRITE DATA LINE Refer to WDO-1
WD9-1	5-3	7-1 P114-26 P314-26	WRITE DATA LINE Refer to WDO-1
WD10-1	5-3	7-1 P114-24 P314-24	WRITE DATA LINE Refer to WDO-1
WD11-1	5-3	7-1 P114-22 P314-22	WRITE DATA LINE Refer to WDO-1
WD12-1	5-3	7-1 P114-34 P314-34	WRITE DATA LINE Refer to WDO-1
WD13-1	5-3	7-1 P114-36 P314-36	WRITE DATA LINE Refer to WDO-1
WD14-1	5-3	7-1 P114-38 P314-38	WRITE DATA LINE Refer to WDO-1
WD15-1	5-3	7-1 P114-40 P314-40	WRITE DATA LINE Refer to WDO-1
WDATA-1	5-2	14-1 P102-24 P81-24	WRITE DATA This is serial data to be written to the internal magnetic tape. The data is unpacked from a parallel-to-serial shift register on the I/O Board and is strobed onto the magnetic tape by the WCLK signal.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
WONFI-0	2-2	2-1	WAIT ON FIRST MICRO CYCLE INPUT This signal causes the ALU Board to wait on the first micro cycle of the instruction micro cycles until the data is Ready on the MCP board.
WONFO-1	2-2	2-1	WAIT ON FIRST MICRO CYCLE OUTPUT This signal causes the ALU board to wait on the first micro cycle of the instructions micro cycles until the data from the ALU board has been accepted by the MCP board.
WORD-0	4-2	4-4	WORD This is the 16-bit (low) or 8-bit (high) control line from the Status Control on the MAS Board.
WORD-1	4-2	4-3	WORD This is the 16-bit (high) or 8-bit (low) control line from the Status Control on the MAS Board.
WR-0	5-2	14-1 P102-29 P81-29	WRITE This signal is generated as data from a Peripheral Interface Adapter (PIA) to select the read/write circuits on the Tape Drive Board. When WR is true, data may be written or stored on the tape cartridge. When WR is false, data may be read from the tape cartridge.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
WRITE-1	4-2	4-3 4-4	WRITE This is the write (high) or read (low) control line from the Status Control on the MAS Board.
WRITETHRU-0	6-1 8-1	6-1 8-2 11-1 P40-10*[11] J40-10* P530-48	WRITE THRU This signal from the Display Controller Board to the High Voltage and Z Axis Board selects the write thru intensity control and disables the normal and brite intensity controls.
WRITETHRU-1	8-1	8-2	WRITE THRU This signal is the inverse of WRITETHRU-0.
WRITE THRU INTENSITY (W.T.INT)	5-5 6-1	5-5 6-1 11-1 P40-10*[11] J40-E* P103-15 P103-32 P5002-1 P5002-3	WRITE THRU INTENSITY This analog line is the write thru intensity control from the adjustment under the keyboard to the High Voltage and Z Axis Board used to control the intensity of the writing beam.
+X	6-1 7-2	6-1 9-1 P130-30[9] P330-30	POSITIVE X AXIS This signal is the positive X axis signal from the Display Controller Board to the Deflection Amplifier Board.
-X	6-1 7-2	6-1 8-2 9-1 P130-31[9] P330-31 P530-31	NEGATIVE X AXIS This signal is the negative X axis signal from the Display Controller Board to the Deflection Amplifier Board.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
XCLIP-1	7-2	8-1 P305-17 P306-17	X AXIS CLIPPER This status line from the Vector Generator Board to the Display Controller Board indicates that the X Axis Clipper has been triggered.
XDIR-1	8-2	7-2 P305-14 P306-14	X AXIS DIRECTION This control line from the Display Controller Board to the Vector Generator Board indicates the direction of the vector on the X axis.
XGIN-0	8-2	7-2 P305-15 P306-15	X AXIS GIN This clock from the GIN control on the Display Controller Board to the Vector Generator Board is for X axis GIN counting.
XJOY	P40-3[J]	8-2 P307-2	X AXIS JOYSTICK This analog signal from the Joystick to the Display Controller Board inputs the X axis Joystick position.
XPOT	8-2	P308-2 P5003-1 P5003-2	X AXIS POT This analog signal from the keyboard thumbwheel to the Display Controller Board controls X axis position.
+Y	6-1 7-2	6-1 8-2 9-1 P130-34[9] P330-34 P530-34	POSITIVE Y AXIS This signal is the positive Y axis signal from the Display Controller Board to the Deflection Amplifier Board.

SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
-Y	6-1 7-2	6-1 9-1 P130-33[9] P330-33	NEGATIVE Y AXIS This signal is the negative Y axis signal from the Display Controller Board to the Deflection Amplifier Board.
YCLIP-1	7-2	8-1 P305-38 P306-38	Y AXIS CLIPPER This status line from the Vector Generator Board to the Display Controller Board is true when the Y Axis Clipper has been triggered.
YDIR-1	8-2	7-2 P305-35 P306-35	Y AXIS DIRECTION This control line from the Display Controller Board to the Vector Generator Board indicates the direction of the vector on the Y axis.
YGIN-0	8-2	7-2 P305-36 P306-36	Y AXIS GIN This clock from the GIN control on the Display Controller Board to the Vector Generator Board is for Y axis GIN counting.
YJOY	P40-8[J]	8-2 P307-7	Y AXIS JOYSTICK This analog signal from the Joystick to the Display Controller Board inputs the Y axis Joystick position.
YPOT	8-2	P308-3 P5003-3 P5003-4	Y AXIS POT This analog signal from the keyboard thumbwheel to the Display Controller Board controls Y axis position input.

## SIGNAL NAMES

Signal Name	Source (Schematic Page)	Destination (Schematic Page)	Description
Z	6-1 8-2	6-1 9-2 10-2 11-1 P40-5*[11] J40-46* P130-46[9] P430-46 P530-46	Z AXIS This signal turns on the writing beam to the crt depending on the status of the Intensity Control logic.
ZEROOUT-0	3-3	3-4	ZERO OUT This control line to the Zero High/Sign Extended on the MCP board enables the zero or sign extended to the MB8 thru MB15 lines.
ZEROXFER8-0	3-2	3-3	ZERO TRANSFER This control line to the Mbus Enable on the MCP Board indicates a zero must be put to the high byte of an 8-bit data transfer.
ZGATE-1	7-2	8-2 P305-8 P306-8	Z AXIS GATE This control line from the Vector Generator Board to the Display Controller Board controls the Z axis when XCLIP-1 and YCLIP-1 are asserted.



# Section 5

## REPLACEABLE ELECTRICAL PARTS

### PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

Only the circuit number will appear on the diagrams and circuit board illustrations. Each diagram and circuit board illustration is clearly marked with the assembly number. Assembly numbers are also marked on the mechanical exploded views located in the Mechanical Parts List. The component number is obtained by adding the assembly number prefix to the circuit number.

The Electrical Parts List is divided and arranged by assemblies in numerical sequence (e.g., assembly A1 with its subassemblies and parts, precedes assembly A2 with its subassemblies and parts).

Chassis-mounted parts have no assembly number prefix and are located at the end of the Electrical Parts List.

#### LIST OF ASSEMBLIES

A list of assemblies can be found at the beginning of the Electrical Parts List. The assemblies are listed in numerical order. When the complete component number of a part is known, this list will identify the assembly in which the part is located.

#### CROSS INDEX-MFR. CODE NUMBER TO MANUFACTURER

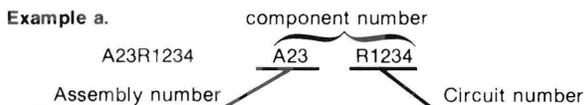
The Mfr. Code Number to Manufacturer index for the Electrical Parts List is located immediately after this page. The Cross Index provides codes, names and addresses of manufacturers of components listed in the Electrical Parts List.

#### ABBREVIATIONS

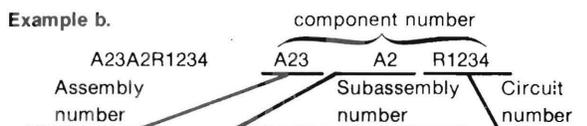
Abbreviations conform to American National Standard Y1.1.

#### COMPONENT NUMBER (column one of the Electrical Parts List)

A numbering method has been used to identify assemblies, subassemblies and parts. Examples of this numbering method and typical expansions are illustrated by the following:



**Read: Resistor 1234 of Assembly 23**



**Read: Resistor 1234 of Subassembly 2 of Assembly 23**

#### TEKTRONIX PART NO. (column two of the Electrical Parts List)

Indicates part number to be used when ordering replacement part from Tektronix.

#### SERIAL/MODEL NO. (columns three and four of the Electrical Parts List)

Column three (3) indicates the serial number at which the part was first used. Column four (4) indicates the serial number at which the part was removed. No serial number entered indicates part is good for all serial numbers.

#### NAME & DESCRIPTION (column five of the Electrical Parts List)

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an Item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

#### MFR. CODE (column six of the Electrical Parts List)

Indicates the code number of the actual manufacturer of the part. (Code to name and address cross reference can be found immediately after this page.)

#### MFR. PART NUMBER (column seven of the Electrical Parts List)

Indicates actual manufacturers part number.

**REPLACEABLE ELECTRICAL PARTS**

**CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER**

Mfr. Code	Manufacturer	Address	City, State, Zip
000CA	MOLEX	2222 WELLINGTON COURT	LYLE, ILLINOIS 60532
000FG	RIFA WORLD PRODUCTS INC.	7625 BUSH LAKE RD P.O. BOX 35263	MINNEAPOLIS, MN 55435
00779	AMP, INC.	P O BOX 3608	HARRISBURG, PA 17105
00853	SANGAMO ELECTRIC CO., S. CAROLINA DIV.	P O BOX 128	PICKENS, SC 29671
01002	GENERAL ELECTRIC COMPANY, INDUSTRIAL AND POWER CAPACITOR PRODUCTS DEPARTMENT	JOHN STREET	HUDSON FALLS, NY 12839
01121	ALLEN-BRADLEY COMPANY	1201 2ND STREET SOUTH	MILWAUKEE, WI 53204
01281	TRW ELECTRONIC COMPONENTS, SEMICONDUCTOR OPERATIONS	14520 AVIATION BLVD.	LAWNDALE, CA 90260
01295	TEXAS INSTRUMENTS, INC., SEMICONDUCTOR GROUP	P O BOX 5012, 13500 N CENTRAL EXPRESSWAY	DALLAS, TX 75222
01807	PETERSEN RADIO COMPANY, INC.	2800 WEST BROADWAY	COUNCIL BLUFFS, IN 51501
01963	CHERRY ELECTRICAL PRODUCTS CORPORATION	3600 SUNSET AVENUE	WAUKEGAN, IL 60085
02111	SPECTROL ELECTRONICS CORPORATION	17070 EAST GALE AVENUE	CITY OF INDUSTRY, CA 91745
02735	RCA CORPORATION, SOLID STATE DIVISION	ROUTE 202	SOMERVILLE, NY 08876
02777	HOPKINS ENGINEERING COMPANY	12900 FOOHILL BLVD.	SAN FERNANDO, CA 91342
03508	GENERAL ELECTRIC COMPANY, SEMI-CONDUCTOR PRODUCTS DEPARTMENT	ELECTRONICS PARK 103 HAWTHORNE STREET	SYRACUSE, NY 13201
04009	ARROW-HART, INC.	P O BOX 867, 19TH AVE. SOUTH	HARTFORD, CT 06106
04222	AVX CERAMICS, DIVISION OF AVX CORP.	5005 E MCDOWELL RD, PO BOX 20923	MYRTLE BEACH, SC 29577
04713	MOTOROLA, INC., SEMICONDUCTOR PROD. DIV.	21001 NORDHOFF STREET	PHOENIX, AZ 85036
05574	VIKING INDUSTRIES, INC.	704 30TH STREET	CHATSWORTH, CA 91311
07109	OAKTRON INDUSTRIES, INC.		MONROE, WI 53566
07263	FAIRCHILD SEMICONDUCTOR, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	464 ELLIS STREET	MOUNTAIN VIEW, CA 94042
09023	CORNELL-DUBILIER ELECTRONIC DIVISION FEDERAL PACIFIC ELECTRIC CO.	2652 DALRYMPLE ST.	SANFORD, NC 27330
11983	NORTONICS COMPANY, INC.	8101 10TH AVENUE NORTH	MINNEAPOLIS, MN 55427
12969	UNITRODE CORPORATION	580 PLEASANT STREET	WATERTOWN, MA 02172
14433	ITT SEMICONDUCTORS	3301 ELECTRONICS WAY P O BOX 3049	WEST PALM BEACH, FL 33402
14552	MICRO SEMICONDUCTOR CORP.	2830 E FAIRVIEW ST.	SANTA ANA, CA 92704
14752	ELECTRO CUBE INC.	1710 S. DEL MAR AVE.	SAN GABRIEL, CA 91776
15238	ITT SEMICONDUCTORS, A DIVISION OF INTER NATIONAL TELEPHONE AND TELEGRAPH CORP.	P.O. BOX 168, 500 BROADWAY	LAWRENCE, MA 01841
15454	RODAN INDUSTRIES, INC.	2905 BLUE STAR ST.	ANAHEIM, CA 92806
18324	SIGNETICS CORP.	811 E. ARQUES	SUNNYVALE, CA 94086
18583	CURTIS INSTRUMENTS, INC.	200 KISCO AVE.	MOUNT KISCO, NY 10549
19396	ILLINOIS TOOL WORKS, INC. PAKTRON DIV.	900 FOLLIN LANE, SE	VIENNA, VA 22180
20999	MINNESOTA MINING AND MFG CO., INDUSTRIAL ELECTRICAL PRODUCTS DIVISION	3M CENTER	ST. PAUL, MN 55101
22526	BERG ELECTRONICS, INC.	YOUK EXPRESSWAY	NEW CUMBERLAND, PA 17070
24355	ANALOG DEVICES INC.	RT 1 INDUSTRIAL PK, P O BOX 280	NORWOOD, MA 02062
24546	CORNING GLASS WORKS, ELECTRONIC COMPONENTS DIVISION	550 HIGH STREET	BRADFORD, PA 16701
27014	NATIONAL SEMICONDUCTOR CORP.	2900 SEMICONDUCTOR DR.	SANTA CLARA, CA 95051
27264	MOLEX PRODUCTS CO.	5224 KATRINE AVE.	DOWNERS GROVE, IL 60515
31718	FAIRCHILD MICROWAVE AND OPTOELECTRONICS, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	4001 MIRANDA AVE. 1200 COLUMBIA AVE.	PALO ALTO, CA 94304 RIVERSIDE, CA 92507
32997	BOURNS, INC., TRIMPOT PRODUCTS DIV.	2303 W 8TH STREET	LOVELAND, CO 80537
33096	COLORADO CRYSTAL CORPORATION	7382 BOLSA AVE.	WESTMINSTER, CA 92683
34333	SILICON GENERAL, INC.	901 THOMPSON PL.	SUNNYVALE, CA 94086
34335	ADVANCED MICRO DEVICES		
34371	HARRIS SEMICONDUCTOR, DIV. OF HARRIS CORPORATION	P. O. BOX 883	MELBOURNE, FL 32901
50088	MOSTEK CORP.	1400 UPFIELD DR.	CARROLLTON, TX 75006
50434	HEWLETT-PACKARD COMPANY	640 PAGE MILL ROAD	PALO ALTO, CA 94304
51642	CENTRE ENGINEERING INC.	2820 E COLLEGE AVENUE	STATE COLLEGE, PA 16801
51984	NEC AMERICA INC. RADIO AND TRANSMISSION DIV.	2990 TELESTAR CT. SUITE 212	FALLS CHURCH, VA 22042
52306	HIGH VOLTAGE DEVICES, INC.	7485 AVENUE 304	VISALIA, CA 93277
53944	ELT INC., GLOW LITE DIVISION	BOX 698	PAULS VALLEY, OK 73075
54473	MATSUSHITA ELECTRIC, CORP. OF AMERICA	1 PANASONIC WAY	SECAUCUS, NJ 07094
55210	GETTIG ENG. AND MFG. COMPANY	PO BOX 85, OFF ROUTE 45	SPRING MILLS, PA 16875

## CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
55680	NICHICON/AMERICA/CORP.	6435 N PROESEL AVENUE	CHICAGO, IL 60645
56289	SPRAGUE ELECTRIC CO.	87 MARSHALL ST.	NORTH ADAMS, MA 01247
59660	TUSONIX INC.	2155 N FORBES BLVD	TUCSON, AZ 85705
63743	WARD LEONARD ELECTRIC CO., INC.	31 SOUTH ST.	MOUNT VERNON, NY 10550
71400	BUSSMAN MFG., DIVISION OF MCGRAW-EDISON CO.	2536 W. UNIVERSITY ST.	ST. LOUIS, MO 63107
71468	ITT CANNON ELECTRIC	666 E. DYER RD.	SANTA ANA, CA 92702
71482	CLARE, C. P., AND CO.	3101 PRATT BLVD.	CHICAGO, IL 60645
71744	CHICAGO MINIATURE LAMP WORKS	4433 RAVENSWOOD AVE.	CHICAGO, IL 60640
72982	ERIE TECHNOLOGICAL PRODUCTS, INC.	644 W. 12TH ST.	ERIE, PA 16512
73138	BECKMAN INSTRUMENTS, INC., HELIPOT DIV.	2500 HARBOR BLVD.	FULLERTON, CA 92634
74276	SIGNALITE DIV., GENERAL INSTRUMENT CORP.	1933 HECK AVE.	NEPTUNE, NJ 07753
75037	MINNESOTA MINING & MFG CO. ELECTRO PRODUCTS DIV.	3M CENTER	ST. PAUL, MN 55101
75042	TRW ELECTRONIC COMPONENTS, IRC FIXED RESISTORS, PHILADELPHIA DIVISION	401 N. BROAD ST.	PHILADELPHIA, PA 19108
75915	LITTELFUSE, INC.	800 E. NORTHWEST HWY	DES PLAINES, IL 60016
76493	BELL INDUSTRIES, INC., MILLER, J. W., DIV.	19070 REYES AVE., P O BOX 5825	COMPTON, CA 90224
76854	OAK INDUSTRIES, INC., SWITCH DIV.	S. MAIN ST.	CRYSTAL LAKE, IL 60014
80009	TEKTRONIX, INC.	P O BOX 500	BEAVERTON, OR 97077
82877	ROTRON, INC.	7-9 HASBROUCK LANE	WOODSTOCK, NY 12498
83003	VARO, INC.	P O BOX 411, 2203 WALNUT STREET	GARLAND, TX 75040
84411	TRW ELECTRONIC COMPONENTS, TRW CAPACITORS	112 W. FIRST ST.	OGALLALA, NE 69153
90201	MALLORY CAPACITOR CO., DIV. OF P. R. MALLORY AND CO., INC.	3029 E. WASHINGTON STREET	
91418	RADIO MATERIALS COMPANY, DIV. OF P.R. MALLORY AND COMPANY, INC.	P. O. BOX 372	INDIANAPOLIS, IN 46206
91637	DALE ELECTRONICS, INC.	4242 W BRYN MAWR	CHICAGO, IL 60646
99801	RADAR ELECTRONICS CO.	P. O. BOX 609	COLUMBUS, NE 68601
		168 WESTERN AVE. WEST	SEATTLE, WA 98119

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
ASSEMBLIES						
A1	670-5942-00	B010100	B011199	CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-00
A1	670-5942-01	B011200		CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-01
A2	670-5622-00	B010100	B010335	CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-00
A2	670-5622-01	B010336	B011012	CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-01
A2	670-5622-02	B011013		CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-02
A3	670-4798-01	B010100	B011828	CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-01
A3	670-4798-02	B011829	B012219	CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-02
A3	670-4798-04	B012220		CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-04
A4	670-5627-01	B010100	B010418	CKT BOARD ASSY:ALU	80009	670-5627-01
A4	670-5627-02	B010419	B011858	CKT BOARD ASSY:ALU	80009	670-5627-02
A4	670-5627-03	B011859		CKT BOARD ASSY:ALU	80009	670-5627-03
A5	670-5633-00	B010100	B010418	CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-00
A5	670-5633-01	B010419		CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-01
A6	670-6030-01	B010100	B010165	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-01
A6	670-6030-02	B010166	B010307	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-02
A6	670-6030-03	B010308	B010813	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-03
A6	670-6030-04	B010814	B011752	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-04
A6	670-6030-06	B011753	B012539	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-06
A6	670-6030-07	B012540		CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-07
A6	672-0799-01	B010100	B01C307	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER (OPTION 24 ONLY)	80009	672-0799-01
A6	672-0799-02	B010308	B010813	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER (OPTION 24 ONLY)	80009	672-0799-02
A6	672-0799-03	B010814	B011752	CKT BOARD ASSY:56K BITES TOTAL MEMORY (OPTION 24 ONLY)	80009	672-0799-03
A6	672-0799-04	B011753		CKT BOARD ASSY:56K BITES TOTAL MEMORY (OPTION 24 ONLY)	80009	672-0799-04
A7	670-5666-00	B010100	B010246	CKT BOARD ASSY:INPUT/OUTPUT	80009	670-5666-00
A7	670-5666-01	B010247	B010768	CKT BOARD ASSY:INPUT/OUTPUT	80009	670-5666-01
A7	670-5666-02	B010769		CKT BOARD ASSY:INPUT/OUTPUT	80009	670-5666-02
A8	670-6099-00			CKT BOARD ASSY:INTERCONNECT (SEE MPL FOR REPLACEMENT PARTS)	80009	670-6099-00
A9	670-5667-00	B010100	B01C195	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-00
A9	670-5667-01	B010196	B011251	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-01
A9	670-5667-02	B011252	B011426	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-02
A9	670-5667-03	B011427	B012539	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-03
A9	670-5667-07	B012540		CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-07
A10	670-5672-00	B010100	B01C345	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-00
A10	670-5672-01	B010346	B010403	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-01
A10	670-5672-02	B010404	B011326	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-02
A10	670-5672-03	B011327	B011376	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-03
A10	670-5672-04	B011377		CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-04
A11	672-0783-02	B010100	B01C407	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-02
A11	672-0783-03	B010408	B01C586	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-03
A11	672-0783-04	B010587	B011828	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-04
A11	672-0783-05	B011829		CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-05
A11	672-1025-00			CKT BOARD ASSY:DEFLECTION AMPLIFIER (OPTION 31 ONLY)	80009	672-1025-00
A11A1	670-5966-XX			CKT BOARD ASSY:NOT AVAIL,SEE A11		
A11A1	670-7454-XX			(NOT REPLACEABLE SEE A11 REPL) (OPTION 31 ONLY)		
A12	672-0795-02	B010100	B011088	CKT BOARD ASSY:STORAGE	80009	672-0795-02
A12	672-0795-03	B011089	B012306	CKT BOARD ASSY:STORAGE	80009	672-0795-03
A12	672-0795-04	B012307		CKT BOARD ASSY:STORAGE	80009	672-0795-04
A12	672-0795-06			CKT BOARD ASSY:STORAGE (OPTION 31 ONLY)	80009	672-0795-06

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A12A1	670-6127-XX			CKT BOARD ASSY:NOT AVAIL,SEE A12		
A13	672-0807-00	B010100	B011399	CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-00
A13	672-0807-01	B011400		CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-01
A13	672-1026-01			CKT BOARD ASSY:Z-AXIS HIGH VOLTAGE (OPTION 31 ONLY)	80009	672-1026-01
A13A1	670-6191-XX			CKT BOARD ASSY:NOT AVAIL,SEE A13		
A13A1	670-7264-XX			NOT REPLACEABLE SEE A13 REPL (OPTION 31 ONLY)		
A14	670-3097-01			CKT BOARD ASSY:HARD COPY AMPL	80009	670-3097-01
A15	119-1050-00			KEYBOARD,CALC:	01963	B80-13AC
A15A1	670-4002-XX			CKT BOARD ASSY:NOT AVAIL,SEE A15		
A16	119-0708-03	B010100	B010464	DRIVE,MAG TAPE:	80009	119-0708-03
A16	119-0708-04	B010465	B011949	DRIVE,MAG TAPE:	80009	119-0708-04
A16	119-0708-05	B011950		DRIVE,MAG TAPE:	80009	119-0708-05
A16A1	670-4003-02	B010100	B010315	CKT BOARD ASSY:TAPE DRIVER	80009	670-4003-02
A16A1	670-4003-03	B010316	B011949	CKT BOARD ASSY:TAPE DRIVER	80009	670-4003-03
A16A1	670-4003-04	B011950		CKT BOARD ASSY:TAPE DRIVER	80009	670-4003-04
A16A2	672-0545-02			CKT BOARD ASSY:STATUS	80009	672-0545-02
A17	670-4029-00			CKT BOARD ASSY:INDICATOR LIGHT	80009	670-4029-00
A18	670-6070-00			CKT BOARD ASSY:BACKPACK INTERCONNECT (SEE MPL FOR REPLACEMENT PARTS)	80009	670-6070-00
A19	670-5625-00			CKT BOARD ASSY:FIRMWARE BACKPACK	80009	670-5625-00
A20	670-5626-00	B010100	B012034	CKT BOARD ASSY:COMMUNICATIONS BACKPACK (OPTION 1 ONLY)	80009	670-5626-00
A20	670-5626-01	B012035		CKT BOARD ASSY:COMMUNICATIONS BACKPACK (OPTION 1 ONLY)	80009	670-5626-01
A21	670-6207-00			CKT BOARD ASSY:SELECTOR (OPTION 2 ONLY)	80009	670-6207-00
A22	670-6206-00			CKT BOARD ASSY:CONNECTOR (OPTS 2,3 ONLY,SEE MPL FOR REPL PARTS)	80009	670-6206-00
A23	670-6208-00			CKT BOARD ASSY:COMMUNICATION (OPTION 3 ONLY)	80009	670-6208-00
A24	670-5636-03			CKT BOARD ASSY:RS232 OPT 10 (OPTION 10 ONLY)	80009	670-5636-03
A25	670-5624-00	B010100	B011558	CKT BOARD ASSY:16K ROM PAK (4052R06)	80009	670-5624-00
A25	670-7485-00	B011559		CKT BOARD ASSY:EDITOR ROM PK (4052 R06)	80009	670-7485-00
A26	670-6250-00			CKT BOARD ASSY:16K ROM PAK (4052R07)	80009	670-6250-00

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A1 PRIMARY INTERCONNECT					
A1	670-5942-00	BG10100 B011199	CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-00
A1	670-5942-01	B011200	CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-01
A1C373	290-0779-00		CAP., FXD, ELCTLT:10UF, +50-10%, 50VDC	56289	502D237
A1C375	290-0797-00		CAP., FXD, ELCTLT:470UF, +50%-10%, 50V	56289	D73403
A1CR212	152-0676-00		SEMICONV DEVICE:RECT, SI, 400V, 3A	03508	A115DX112
A1CR213	152-0676-00		SEMICONV DEVICE:RECT, SI, 400V, 3A	03508	A115DX112
A1CR380	152-0066-00		SEMICONV DEVICE:SILICON, 400V, 750MA	14433	LG4016
A1CR385	152-0066-00		SEMICONV DEVICE:SILICON, 400V, 750MA	14433	LG4016
A1E231	119-0181-00		ARSR, ELEC SURGE:230V, GAS FILLED	74276	CG230L
A1J211	131-2265-00		TERM, FEEDTHRU: 10 PIN, INSULATED	27264	09-70-1101
A1J251	131-2447-00		CONN, RCPT, ELEC:CKT BD, 4 PIN FEMALE	99801	10-18-1041
A1J311	131-0589-00		TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 2)		
A1J411	131-0589-00		TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 2)		
A1J479	131-2182-00		TERM. SET, PIN:1 X 5, 0.156 SPACING, RTANG	27264	09-47-1052
A1RT241	307-0353-00		RES., FXD, FILM:5 OHM, 10%, DISC	15454	5DA5RO-K-270SS
A1RT243	307-0353-00		RES., FXD, FILM:5 OHM, 10%, DISC	15454	5DA5RO-K-270SS

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A2 +5V OUTPUT						
A2	670-5622-00	B010100	B010335	CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-00
A2	670-5622-01	B010336	B011012	CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-01
A2	670-5622-02	B011013		CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-02
A2C11	283-0346-00			CAP., FXD, CER DI: 0.47UF, +80-20%, 100V	72982	8131-M100F474Z
A2C31	285-0598-00			CAP., FXD, PLSTC: 0.01UF, 5%, 100V	01002	61F10AC103
A2C32	283-0111-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A2C51	290-0770-00			CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	502D230
A2C52	283-0111-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A2C61	290-0853-00			CAP., FXD, ELCTLT: 5600UF, +50-10%, 6.3V	90201	VPR562T6R3N1L6B
A2C71	290-0800-00			CAP., FXD, ELCTLT: 250UF, +100-10%, 20V	56289	672D257H0200M5C
A2C111	283-0594-00			CAP., FXD, MICA D: 0.001UF, 1%, 100V	00853	D151F102F0
A2C131	283-0111-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A2C132	283-0060-00			CAP., FXD, CER DI: 100PF, 5%, 200V	72982	855-535U2J101J
A2C134	283-0212-00	XB010336		CAP., FXD, CER DI: 2UF, 20%, 50V	72982	8141N064Z5U205M
A2C141	283-0111-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A2C241	290-0835-00			CAP., FXD, ELCTLT: 420UF, +100-10%, 200V	56289	68D10970
A2C321	283-0208-00	XB011013		CAP., FXD, CER DI: 0.22UF, 10%, 200V	72982	8151N230 C 224K
A2C431	285-1192-00			CAP., FXD, PPR DI: 0.0022UF, 20%, 250VAC	000FG	PME271Y422
A2C441	290-0835-00			CAP., FXD, ELCTLT: 420UF, +100-10%, 200V	56289	68D10970
A2C451	290-0114-00			CAP., FXD, ELCTLT: 47UF, 20%, 6V	56289	150D476X0006B2
A2C461	290-0114-00			CAP., FXD, ELCTLT: 47UF, 20%, 6V	56289	150D476X0006B2
A2C471	283-0198-00			CAP., FXD, CER DI: 0.22UF, 20%, 50V	72982	8121N083Z5U0224M
A2C481	283-0198-00			CAP., FXD, CER DI: 0.22UF, 20%, 50V	72982	8121N083Z5U0224M
A2C741	285-0934-00			CAP., FXD, PLSTC: 2.2UF, 10%, 200V	56289	430P238
A2C761	285-0934-00			CAP., FXD, PLSTC: 2.2UF, 10%, 200V	56289	430P238
A2C771	283-0659-00			CAP., FXD, MICA D: 1160PF, 2%, 500V	00853	D195F1161G0
A2C781	285-1192-00			CAP., FXD, PPR DI: 0.0022UF, 20%, 250VAC	000FG	PME271Y422
A2CR81	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A2CR111	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A2CR211	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A2CR351	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2CR352	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2CR371	152-0640-00			SEMICONV DEVICE: SILICON, 35V, 30A, DO-4	01281	SD-4101
A2CR381	152-0640-00			SEMICONV DEVICE: SILICON, 35V, 30A, DO-4	01281	SD-4101
A2CR451	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2CR452	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2CR561	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2CR562	152-0400-00			SEMICONV DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A2DS321	150-0035-00	XB011013		LAMP, GLOW: 90V, 0.3MA	53944	A1B-3
A2J28	131-2264-00			CONN, RCPT, ELEC: CKT BD, 10 CONTACT, R ANGLE	27264	09-62-3101
A2J29	131-2182-00			TERM. SET, PIN: 1 X 5, 0.156 SPACING, RTANG	27264	09-47-1052
A2L71	108-0950-00			COIL, RF: 5.5UH	80009	108-0950-00
A2L271	108-0911-00			COIL, RF: FIXED, 65UH	80009	108-0911-00
A2L631	108-0422-00			COIL, RF: FIXED, 82UH	80009	108-0422-00
A2Q21	151-0302-00			TRANSISTOR: SILICON, NPN	07263	S038487
A2Q22	151-0301-00			TRANSISTOR: SILICON, PNP	27014	2N2907A
A2Q251	151-0391-00			TRANSISTOR: SILICON, PNP	80009	151-0391-00
A2Q261	151-0390-00			TRANSISTOR: SILICON, NPN	04713	SPS3414
A2Q262	151-0390-00			TRANSISTOR: SILICON, NPN	04713	SPS3414
A2Q482	151-0352-00	B010100	B011012	TRANSISTOR: SILICON, NPN	03508	X44C282
A2Q482	151-0352-01	B011013		TRANSISTOR: SILICON, NPN	80009	151-0352-01
A2Q641	151-0632-00			TRANSISTOR: SILICON, NPN	04713	SJE1946
A2Q651	151-0632-00			TRANSISTOR: SILICON, NPN	04713	SJE1946
A2Q782	151-0352-00	B010100	B011012	TRANSISTOR: SILICON, NPN	03508	X44C282
A2Q782	151-0352-01	B011013		TRANSISTOR: SILICON, NPN	80009	151-0352-01

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A2R11	321-0277-00			RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
A2R12	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A2R13	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A2R14	315-0184-00			RES.,FXD,CMPSN:180K OHM,5%,0.25W	01121	CB1845
A2R15	315-0132-00			RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
A2R21	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A2R22	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A2R23	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R24	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R31	315-0561-00			RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A2R32	315-0123-00			RES.,FXD,CMPSN:12K OHM,5%,0.25W	01121	CB1235
A2R33	321-0410-00			RES.,FXD,FILM:182K OHM,1%,0.125W	91637	MFF1816G18202F
A2R41	315-0623-00			RES.,FXD,CMPSN:62K OHM,5%,0.25W	01121	CB6235
A2R42	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R43	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R44	321-0197-02			RES.,FXD,FILM:1.1K OHM,0.5%,0.125W	91637	MFF1816D11000D
A2R111	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
A2R131	315-0330-00			RES.,FXD,CMPSN:33 OHM,5%,0.25W	01121	CB3305
A2R132	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R133	321-0240-00			RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A2R134	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A2R141	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A2R142	321-0361-00			RES.,FXD,FILM:56.2K OHM,1%,0.125W	91637	MFF1816G56201F
A2R143	315-0561-00			RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A2R144	315-0272-00			RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
A2R151	308-0344-00			RES.,FXD,WW:18.2 OHM,1%,3W	91637	RS2B-K18R20F
A2R152	315-0561-00			RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A2R153	315-0561-00			RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A2R181	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A2R182	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A2R211	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
A2R212	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
A2R213	315-0243-00			RES.,FXD,CMPSN:24K OHM,5%,0.25W	01121	CB2435
A2R214	315-0752-00			RES.,FXD,CMPSN:7.5K OHM,5%,0.25W	01121	CB7525
A2R215	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A2R251	315-0272-00			RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
A2R252	315-0272-00			RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
A2R321	301-0154-00			RES.,FXD,CMPSN:150K OHM,5%,0.50W	01121	EB1545
A2R322	301-0154-00			RES.,FXD,CMPSN:150K OHM,5%,0.50W	01121	EB1545
A2R323	316-0565-00	XB011013		RES.,FXD,CMPSN:5.6M OHM,10%,0.25W	01121	CB5651
A2R471	306-0150-00			RES.,FXD,CMPSN:15 OHM,10%,2W	01121	HB1501
A2R481	306-0150-00			RES.,FXD,CMPSN:15 OHM,10%,2W	01121	HB1501
A2R521	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A2R781	305-0471-00			RES.,FXD,CMPSN:470 OHM,5%,2W	01121	HB4715
A2T351	120-1119-00	B010100	B011012	TRANSFORMER,RF:BASE DRIVE	80009	120-1119-00
A2T351	120-1119-01	B011013		TRANSFORMER,RF:BASE DRIVE	80009	120-1119-01
A2T531	120-0743-00			XFMR,TOROID:13 TURNS,BIFILAR	80009	120-0743-00
A2T571	120-1227-00			XFMR,PWR,SDN:HF	80009	120-1227-00
A2T1003	276-0640-00	XB010336		CORE,EM:TOROID,FERRITE,0.375 OD X 0.187	00779	1-480304-0
A2U41	156-0411-00			MICROCIRCUIT,LI:QUAD-COMP,SGL SUPPLY	27014	LM339N
A2U111	156-0411-00			MICROCIRCUIT,LI:QUAD-COMP,SGL SUPPLY	27014	LM339N
A2U121	156-0366-00			MICROCIRCUIT,DI:DUAL D-TYPE F-F	80009	156-0366-00
A2U251	156-0575-03			MICROCIRCUIT,DI:3 INPUT NOR GATE,SELECTED	80009	156-0575-03
A2VR11	152-0662-00			SEMICONV DEVICE:ZENER,0.4W,5V,1%	04713	SZG195

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A3 LOW VOLTAGE POWER SUPPLY						
A3	670-4798-01	B010100	B011828	CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-01
A3	670-4798-02	B011829	B012219	CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-02
A3	670-4798-04	B012220		CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-04
A3C1	290-0799-00			CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C40	290-0002-00			CAP., FXD, ELCTLT: 8UF, +50-10%, 450V	09023	BR8-450
A3C42	283-0002-00			CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM103Z5014R9
A3C48	281-0770-00			CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A3C55	290-0512-00	B010100	B011828	CAP., FXD, ELCTLT: 22UF, 20%, 15V	56289	196D226X0015KA1
A3C55	290-0718-00	B011829		CAP., FXD, ELCTLT: 22UF, 20%, 35V	56289	196D226X0035PE4
A3C61	281-0772-00			CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A3C101	290-0799-00			CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C111	290-0581-00	B010100	B012219	CAP., FXD, ELCTLT: 14, 000UF, +75-10%, 25V	56289	68D10489
A3C111	290-0968-00	B012220		CAP., FXD, ELCTLT: 14000UF, +100-10%, 30V	90201	FPF143GR3J3P2
A3C141	290-0746-00			CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C145	290-0746-00			CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C148	290-0746-00			CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C149	290-0746-00			CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
	-----			(NOT USED IN OPTION 31)		
A3C163	281-0523-00			CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A3C168	283-0002-00			CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM103Z5014R9
A3C201	290-0799-00			CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C211	290-0581-00	B010100	B012219	CAP., FXD, ELCTLT: 14, 000UF, +75-10%, 25V	56289	68D10489
A3C211	290-0968-00	B012220		CAP., FXD, ELCTLT: 14000UF, +100-10%, 30V	90201	FPF143GR3J3P2
A3C221	290-0508-00	B010100	B012219	CAP., FXD, ELCTLT: 18, 000UF, +100-10%, 15V	56289	68D10444
A3C221	290-0961-00	B012220		CAP., FXD, ELCTLT: 18000UF, +100-10%, 15V	56289	68D10444
A3C231	290-0508-00	B010100	B012219	CAP., FXD, ELCTLT: 18, 000UF, +100-10%, 15V	56289	68D10444
A3C231	290-0961-00	B012220		CAP., FXD, ELCTLT: 18000UF, +100-10%, 15V	56289	68D10444
A3CR1	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR2	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR10	152-0666-00			SEMICONV DEVICE: RECT, SI, 800V, 1.5A	80009	152-0666-00
A3CR56	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR66	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR105	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR127	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR141	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR143	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR145	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR163	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3F30	159-0083-00			FUSE, CARTRIDGE: 0.15A, 250V, FAST-BLOW	71400	AGC 15/100
A3F35	159-0028-00			FUSE, CARTRIDGE: 3AG, 0.25A, 250V, FAST-BLOW	71400	AGC 1/4
A3F137	159-0083-00			FUSE, CARTRIDGE: 0.15A, 250V, FAST-BLOW	71400	AGC 15/100
A3F139	159-0021-00	B010100	B012219	FUSE, CARTRIDGE: 3AG, 2A, 250V, FAST-BLOW	71400	AGC 2
A3F139	159-0023-00	B012220		FUSE, CARTRIDGE: 3AG, 2A, 250V, 5SEC	71400	MDX 2
A3F141	159-0021-00	B010100	B012219	FUSE, CARTRIDGE: 3AG, 2A, 250V, FAST-BLOW	71400	AGC 2
A3F141	159-0023-00	B012220		FUSE, CARTRIDGE: 3AG, 2A, 250V, 5SEC	71400	MDX 2
A3F144	159-0006-00	B010100	B012219	FUSE, CARTRIDGE: 5A, 3AG, 125V, SLOW-BLOW	71400	MDX5
A3F144	159-0013-00	B012220		FUSE, CARTRIDGE: 3AG, 6A, 125V, 7SEC	71400	MTH6
A3F146	159-0149-00	B010100	B012219	FUSE, CARTRIDGE: 4A, 250V, SLOW-BLOW	71400	MDA 4 AMP
A3F146	159-0014-00	B012220		FUSE, CARTRIDGE: 3AG, 5A, 250V, FAST-BLOW	71400	MTH5
A3J1	131-1974-00			TERM. SET, PIN: 5 MALE CONTACTS	000CA	09-60-1051
A3J32	131-1976-00			TERM. SET, PIN: 15 MALE CONT	27264	09-60-1151
A3J43	131-1975-00			TERM. SET, PIN: 12 MALE CONTACTS	27264	09-60-1121
A3Q55	151-0280-00			TRANSISTOR: SILICON, PNP	04713	SS8065
A3Q60	151-0302-00	B010100	B012219	TRANSISTOR: SILICON, NPN	07263	S038487
A3Q60	151-0136-00	B012220		TRANSISTOR: SILICON, NPN	02735	35495

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A3Q150	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A3R21	305-0303-00	B010100	B012219	RES., FXD, CMPSN: 30K OHM, 5%, 2W	01121	HB3035
A3R21	305-0433-00	B012220		RES., FXD, CMPSN: 43K OHM, 5%, 2W	01121	HB4335
A3R23	305-0303-00			RES., FXD, CMPSN: 30K OHM, 5%, 2W	01121	HB3035
A3R24	305-0223-00	XB012220		RES., FXD, CMPSN: 22K OHM, 5%, 2W	01121	HB2235
A3R25	305-0303-00	B010100	B012219	RES., FXD, CMPSN: 30K OHM, 5%, 2W	01121	HB3035
A3R25	308-0228-00	B012220		RES., FXD, WW: 4K OHM, 5%, 7W	91637	CW7 40000J
A3R41	323-0423-08			RES., FXD, FILM: 249K OHM, 1%, 0.50W	75042	CECT2-2493F
A3R43	321-0724-03			RES., FXD, FILM: 13.6K OHM, 0.25W, 0.125W	24546	NC55C1362C
A3R45	315-0681-03			RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A3R47	315-0133-00			RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A3R50	308-0223-00			RES., FXD, WW: 35 OHM, 5%, 3W	91637	RS2B-K35R00J
A3R52	315-0471-00	B010100	B012219	RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A3R52	315-0911-00	B012220		RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115
A3R53	315-0202-00	B010100	B012219	RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A3R57	315-0911-00	B012220		RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115
A3R57	315-0471-00	B010100	B012219	RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A3R59	315-0302-00			RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A3R62	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R64	315-0202-00			RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A3R68	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R141	308-0795-00			RES., FXD, WW: 0.2 OHM, 5%, 3W	91637	CW-2B .2 OHM 5%
A3R143	308-0795-00			RES., FXD, WW: 0.2 OHM, 5%, 3W	91637	CW-2B .2 OHM 5%
A3R145	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R147	315-0472-00			RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A3R151	315-0471-00			RES., FXD, CMPSN: 470 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4715
A3R152	321-0289-03			RES., FXD, FILM: 10K OHM, 0.25%, 0.125W	91637	MFF1816D10001C
A3R153	321-0816-07			RES., FXD, FILM: 5K OHM, 0.1%, 0.125W	91637	MFF1816C50000B
A3R155	321-0289-03			RES., FXD, FILM: 10K OHM, 0.25%, 0.125W	91637	MFF1816D10001C
A3R157	321-0816-07			RES., FXD, FILM: 5K OHM, 0.1%, 0.125W	91637	MFF1816C50000B
A3R166	311-1571-00	B010100	B012219	RES., VAR, NONWIR: 500 OHM, 0.50W	73138	91-91-0
A3R166	311-1564-00	B012220		RES., VAR, NONWIR: TRMR, 500 OHM, 0.5W	73138	91-86-0
A3R167	321-0239-00			RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A3R169	321-0234-00			RES., FXD, FILM: 2.67K OHM, 1%, 0.125W	91637	MFF1816G26700F
A3U51	156-0700-00	B010100	B012219	MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	18324	UA741T
A3U51	156-0049-02	B012220		MICROCIRCUIT, LI: OPNL AMPL, SCREENED	04713	MC1741CGDS
A3U61	156-0699-00	B010100	B012219	MICROCIRCUIT, LI: VOLTAGE REGULATOR	07263	723HM
A3U61	156-0699-01	B012220		MICROCIRCUIT, LI: VOLTAGE REGULATOR, SCREENED	34333	SG723T
A3U161	156-0700-00	B010100	B012219	MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	18324	UA741T
A3U161	156-0921-02	B012220		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	02735	CA3140TX
A3VR50	152-0669-00			SEMICONV DEVICE: ZENER, SI, 5W, 120V, 5% (NOT USED IN OPTION 31)	80009	152-0669-00
A3VR148	152-0127-00			SEMICONV DEVICE: ZENER, 0.4W, 7.5V, 5%	04713	SZG35009K2
A3VR151	152-0520-00			SEMICONV DEVICE: ZENER, 1W, 12V, 5% (NOT USED IN OPTION 31)	14433	1N4742A

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4 ALU					
A4	670-5627-01	B010100 B010418	CKT BOARD ASSY:ALU	80009	670-5627-01
A4	670-5627-02	B010419 B011858	CKT BOARD ASSY:ALU	80009	670-5627-02
A4	670-5627-03	B011859	CKT BOARD ASSY:ALU	80009	670-5627-03
A4C1	283-0060-00		CAP., FXD, CER DI:100PF, 5%, 200V	72982	855-535U2J101J
A4C2	283-0647-00		CAP., FXD, MICA D:70PF, 1%, 100V	00853	D151E700F0
A4C3	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A4C4	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C5	283-0115-00		CAP., FXD, CER DI:47PF, 5%, 200V	59660	805-519-COG0470J
A4C6	283-0060-00		CAP., FXD, CER DI:100PF, 5%, 200V	72982	855-535U2J101J
A4C7	283-0239-00		CAP., FXD, CER DI:0.022UF, 10%, 50V	72982	8121N083X7R0223K
A4C10	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C17	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C20	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C25	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C32	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C35	283-0422-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	04222	DG015E473Z
A4C50	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C57	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C60	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C65	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C70	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C74	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C76	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C90	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C100	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C108	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C115	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C117	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C120	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C130	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C135	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C145	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C155	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C160	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C162	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C165	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C175	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C180	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C200	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C210	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C212	283-0077-00	XB010419	CAP., FXD, CER DI:330PF, 5%, 500V	59660	831-500B331J
A4C217	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C225	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C232	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C235	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C240	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C245	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C250	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C257	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C262	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C270	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C275	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C285	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C290	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C300	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4C310	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C315	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C325	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C335	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C345	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C350	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C355	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C360	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C365	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C370	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C380	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C385	290-0287-00		CAP., FXD, ELCTLT: 47UF, 20%, 25V	56289	150D475X0035B2
A4DS190	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A4DS195	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A4J201A	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A4J201B	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A4J200	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A4J203	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 10)	22526	47357
A4J204	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 10)	22526	47357
A4J205	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 10)	22526	47357
A4J206	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 10)	22526	47357
A4J207	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 8)	22526	47357
A4L1	108-0245-00		COIL, RF: 3.9UH	76493	B6310-1
A4Q1	151-0427-00		TRANSISTOR: SILICON, NPN	80009	151-0427-00
A4Q5	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A4R1	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A4R2	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A4R3	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R4	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R5	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R6	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R7	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W	01121	CB1515
A4R17	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R55	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R57	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R60	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R71	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R72	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R73	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A4R75	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A4R80	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R82	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R86	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A4R100	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R109	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R111	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R122	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R140	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R190	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R192	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R218	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4R258	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A4R272	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A4R309	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R312	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R317	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R333	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4U10	156-0323-00		MICROCIRCUIT, DI: HEX. INVERTER	01295	SN74S04N
A4U15	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U17	156-1197-00		MICROCIRCUIT, DI: 8 BIT UNIVERSAL SHIFT	80009	156-1197-00
A4U20	156-0097-00		MICROCIRCUIT, DI: DIV BY 2 AND 5 RIPPLE CNTR	80009	156-0097-00
A4U25	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U30	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U32	156-0567-00		MICROCIRCUIT, DI: DUAL J-K NEG EDGE TRIG F-F	01295	SN74LS113
A4U35	156-0383-00		MICROCIRCUIT, DI: QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U50	156-0392-00		MICROCIRCUIT, DI: QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A4U55	156-0735-00		MICROCIRCUIT, DI: 4-BIT BISTABLE LATCH	80009	156-0735-00
A4U57	156-0385-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0385-00
A4U60	156-0331-00		MICROCIRCUIT, DI: DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U62	156-0392-00		MICROCIRCUIT, DI: QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A4U65	156-0374-00		MICROCIRCUIT, DI: QUAD 2-INPUT NOR BUFFER	80009	156-0374-00
A4U70	156-0331-00		MICROCIRCUIT, DI: DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U72	156-0385-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0385-00
A4U80	156-0464-00		MICROCIRCUIT, DI: DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A4U85	156-0383-00		MICROCIRCUIT, DI: QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U90	156-0724-00		MICROCIRCUIT, DI: HEX INV W/OC OUT	07263	74LS05PC OR DC
A4U100	156-0994-00		MICROCIRCUIT, DI: 8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U105	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U108	156-0994-00		MICROCIRCUIT, DI: 8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U110	156-0479-00		MICROCIRCUIT, DI: QUAD 2-INPUT OR GATE	27014	DM74LS32N
A4U115	156-0418-00		MICROCIRCUIT, DI: 8-INPUT, NAND GATE	80009	156-0418-00
A4U117	156-0320-00		MICROCIRCUIT, DI: TRIPLE 3-INPUT NAND GATE	01295	SN74S11N
A4U120	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A4U125	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A4U130	156-0321-00		MICROCIRCUIT, DI: TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A4U132	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U135	156-0690-00		MICROCIRCUIT, DI: QUAD 2-INP NOR GATE	01295	SN74S02N
A4U140	156-0388-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A4U145	156-0331-00		MICROCIRCUIT, DI: DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U150	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U155	156-0464-00		MICROCIRCUIT, DI: DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A4U157	156-0784-00		MICROCIRCUIT, DI: SYNC 4 BIT BINARY COUNTER	01295	SN74LS163AN
A4U160	156-0994-00		MICROCIRCUIT, DI: 8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U162	156-0383-00		MICROCIRCUIT, DI: QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U165	156-0707-00		MICROCIRCUIT, DI: QUAD 2-INPUT EXCL OR GATE	01295	SN74S86N
A4U170	160-0325-00		MICROCIRCUIT, DI: 32 X 8 PROM, 3STATE OUT, PRO	80009	160-0325-00
A4U172	160-0327-00		MICROCIRCUIT, DI: 32 X 8 PROM, 3STATE OUT	80009	160-0327-00
A4U175	156-0388-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A4U180	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A4U185	156-0541-00		MICROCIRCUIT, DI: DECODER/DEMULTIPLEXER	27014	DM74LS139N
A4U200	156-0865-00		MICROCIRCUIT, DI: OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U205	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U210	160-0324-00		MICROCIRCUIT, DI: PROM, PROGRAMMED	80009	160-0324-00
A4U215	156-0865-00		MICROCIRCUIT, DI: OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U217	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U220	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U225	156-1046-00		MICROCIRCUIT, DI: OCTAL D TYPE EDGE TRIG FF	01295	SN74S374J
A4U230	156-0865-00		MICROCIRCUIT, DI: OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mf- Code	Mfr Part Number
A4U232	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U235	160-0326-00		MICROCIRCUIT,DI:32 X 8 PROM,3STATE OUT,PRO	80009	160-0326-00
A4U240	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U245	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U250	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U255	156-0471-00		MICROCIRCUIT,DI:DUAL 4-LINE TO 1-LINE	01295	SN74LS253N
A4U257	156-0471-00		MICROCIRCUIT,DI:DUAL 4-LINE TO 1-LINE	01295	SN74LS253N
A4U260	156-0692-00		MICROCIRCUIT,DI:LOOK AHEAD CARRY GENERATOR	01295	SN74S182(N OR J)
A4U262	156-0480-00		MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A4U265	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U270	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U272	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U275	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U285	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U290	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U300	160-0332-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0332-00
A4U305	160-0333-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0333-00
A4U310	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U315	160-0334-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0334-00
A4U320	160-0335-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0335-00
A4U325	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U330	160-0336-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0336-00
A4U335	160-0337-00		MICROCIRCUIT,DI:1024 X 8 PROM,PROGRAMMED	80009	160-0337-00
A4U340	160-0340-00		MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-00
A4U345	156-1046-00		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	01295	SN74S374J
A4U350	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U355	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U360	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U365	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U370	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U375	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U380	156-0798-00		MICROCIRCUIT,DI:DUAL 4 LINE TO 1 LINE	01295	SN74LS153
A4U385	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4Y1	158-0165-00		XTAL UNIT,QTZ:49.152 MHZ,0.01%,SERIES	33096	PB-3056

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A5 MEMORY COMMAND PROCESSOR					
A5	670-5633-00	B010100 B010418	CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-00
A5	670-5633-01	B010419	CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-01
A5C15	290-0847-00		CAP., FXD, ELCLTLT:47UF, +50-10%, 10 V	54473	ECE-B1AV470S
A5C35	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C51	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C65	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C71	290-0847-00		CAP., FXD, ELCLTLT:47UF, +50-10%, 10 V	54473	ECE-B1AV470S
A5C115	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C135	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C151	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C165	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C211	290-0847-00		CAP., FXD, ELCLTLT:47UF, +50-10%, 10 V	54473	ECE-B1AV470S
A5C215	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C225	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C235	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C251	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C265	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C275	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C285	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C295	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C325	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C335	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C351	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C365	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C375	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C385	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C395	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C421	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C435	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C451	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C465	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C475	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C485	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C495	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C515	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C525	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C535	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C551	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C565	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C575	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C585	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C595	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C615	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C625	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C635	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C651	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C665	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C675	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C681	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C695	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A5C711	290-0847-00		CAP., FXD, ELCLTLT:47UF, +50-10%, 10 V	54473	ECE-B1AV470S
A5C781	290-0847-00		CAP., FXD, ELCLTLT:47UF, +50-10%, 10 V	54473	ECE-B1AV470S
A5DS1	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A5DS2	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A5DS3	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
A5DS4	150-1001-01			LAMP,LED:RED,2V,100MA	50434	HLMP-3200
A5J201	131-1717-01			CONN,RCPT,ELEC:CKT BD,2 X 42,FEMALE	00779	3-86018-4
A5J254	131-1465-00			CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A5J255	131-1465-00			CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A5J258	131-2250-00	B010100	B010418	CONN,RCPT,ELEC:CKT BD,5 MALE	27264	09-61-1053
A5J258	131-2528-00	B010419		TERM SET,PIN:10 MALE CONTACTS,POLARIZED	27264	09-61-1106
A5J259	131-2250-00	B010100	B010418	CONN,RCPT,ELEC:CKT BD,5 MALE	27264	09-61-1053
A5J259	131-2528-00	B010419		TERM SET,PIN:10 MALE CONTACTS,POLARIZED	27264	09-61-1106
A5J264	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----			(QUANTITY OF 17)		
A5J266	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----			(QUANTITY OF 18)		
A5J268	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----			(QUANTITY OF 17)		
A5J272	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----			(QUANTITY OF 17)		
A5J276	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----			(QUANTITY OF 10)		
A5R36	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R63	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R136	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R163	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R224	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R242	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R283	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R312	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R313	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R314	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R315	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R324	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R342	315-0150-00			RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB1505
A5R360	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R417	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R463	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R483	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R487	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R524	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R542	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R573	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R617	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R626	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R673	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R683	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R687	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5U35	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U41	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U51	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U61	156-0304-00			MICROCIRCUIT,DI:DUAL 4-INPUT,NAND GATE	18324	N74S20A
A5U65	156-0180-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U115	156-0323-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U121	156-0331-00			MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U135	156-0180-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U141	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U151	156-0180-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U161	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U165	156-0418-00			MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U171	156-0739-00			MICROCIRCUIT,DI:QUAD 2-INP ORGATE	80009	156-0739-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A5U215	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U221	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U225	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U235	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U251	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U261	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U265	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U271	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U275	156-0320-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	01295	SN74S11N
A5U281	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U321	156-0724-00		MICROCIRCUIT,DI:HEX INV W/OC OUT	07263	74LS05PC OR DC
A5U325	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U335	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U341	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U351	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U361	156-0304-00		MICROCIRCUIT,DI:DUAL 4-INPUT,NAND GATE	18324	N74S20A
A5U365	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U371	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U375	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U381	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U385	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U391	156-0150-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
A5U395	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U415	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U421	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U425	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U435	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U441	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U451	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U461	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U465	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A5U471	156-0739-00		MICROCIRCUIT,DI:QUAD 2-INP ORGATE	80009	156-0739-00
A5U475	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U481	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U485	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U491	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U495	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U515	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U521	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U525	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U535	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U541	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U551	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U561	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U565	156-0966-00		MICROCIRCUIT,DI:DUAL 5-INPUT NOR GATE	80009	156-0966-00
A5U571	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U575	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U581	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U585	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U591	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U595	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U615	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U621	156-0948-02		MICROCIRCUIT,DI:QUAD D F-F,BURN-IN	01295	SN74S175J4
A5U625	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U635	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U641	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U651	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A5U661	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U665	156-0323-C0		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U671	156-0118-C0		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U675	156-0180-C0		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U681	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U685	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U691	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U695	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A6 MEMORY ACCESS SEQUENCER						
A6	670-6030-01	B010100	B010165	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-01
A6	670-6030-02	B010166	B010307	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-02
A6	670-6030-03	B010308	B010813	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-03
A6	670-6030-04	B010814	B011752	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-04
A6	670-6030-06	B011753	B012539	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-06
A6	670-6030-07	B012540		CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-6030-07
A6	672-0799-01	B010100	B010307	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER (OPTION 24 ONLY)	80009	672-0799-01
A6	672-0799-02	B010308	B010813	CKT BOARD ASSY:MEMORY ACCESS SEQUENCER (OPTION 24 ONLY)	80009	672-0799-02
A6	672-0799-03	B010814	B011752	CKT BOARD ASSY:56K BITES TOTAL MEMORY (OPTION 24 ONLY)	80009	672-0799-03
A6	672-0799-04	B011753		CKT BOARD ASSY:56K BITES TOTAL MEMORY (OPTION 24 ONLY)	80009	672-0799-04
A6C115	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C125	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C135	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C145	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C165	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C175	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C185	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C194	290-0746-00			CAP., FXD, ELCTLT:47UF, +50-10%, 16V	55680	16U-47V-T
A6C195	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C210	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C220	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C230	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C240	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C250	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C270	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C280	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C290	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C315	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C325	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C335	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C340	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C365	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C375	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C385	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C395	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C410	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C420	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C435	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C445	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C460	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C470	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C480	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C490	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C605	290-0746-00			CAP., FXD, ELCTLT:47UF, +50-10%, 16V	55680	16U-47V-T
A6C610	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C615	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C625	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C635	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C645	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C660	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C670	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6C680	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C687	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C695	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C696	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A6C705	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C709	290-0804-00		CAP., FXD, ELCTLT: 10UF, +50-10%, 25V	55680	25JLAi0V-T
A6C710	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C713	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C715	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C720	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C725	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C730	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C735	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C740	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C745	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C760	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C765	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C770	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C775	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C780	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C785	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C787	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C790	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C795	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C797	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C798	290-0804-00		CAP., FXD, ELCTLT: 10UF, +50-10%, 25V	55680	25JLAi0V-T
A6C810	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C813	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C815	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C820	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C825	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C827	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C835	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C840	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C845	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C860	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C865	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C870	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C875	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C880	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C885	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C887	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C890	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C895	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A6DS15	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A6J101	131-1717-01		CONN, RCPT, ELEC: CKT BD, 2 X 42, FEMALE	00779	3-86018-4
A6J141	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J142	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J143	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J144	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J145	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J146	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J147	131-1857-00	B010100 B011858X	TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J154	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A6J155	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A6J220	131-1857-00		TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A6J239	131-1857-00		TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6J249	131-1857-00		TERM. SET,PIN:36/0.025 SQ PIN,ON 0.1 CTRS	22526	65500136
A6J295	131-1857-00		TERM. SET,PIN:36/0.025 SQ PIN,ON 0.1 CTRS	22526	65500136
A6J345	131-1857-00		TERM. SET,PIN:36/0.025 SQ PIN,ON 0.1 CTRS	22526	65500136
A6R109	315-0161-00		RES.,FXD,CMPSN:160 OHM,5%,0.25W	01121	CB1615
A6R119	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R134	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R144	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R149	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R208	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R209	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R219	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R239	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R244	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R249	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R324	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A6R334	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A6R345	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A5R369	315-0200-00		RES.,FXD,CMPSN:20 OHM,5%,0.25W	01121	CB2005
A6R394	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R419	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
A6R464	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
A6R481	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R483	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R486	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R488	315-0620-00		RES.,FXD,CMPSN:62 OHM,5%,0.25W	01121	CB6205
A6R491	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R493	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R494	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R495	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R496	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R497	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R498	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R499	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R509	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R513	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R515	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R519	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R521	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R523	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R529	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R531	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R533	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R535	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R537	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R541	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R543	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R565	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R570	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R571	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R572	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R573	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R574	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R575	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R576	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R577	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905
A6R578	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A6R579	315-0390-00		RES.,FXD,CMPSN:39 OHM,5%,0.25W	01121	CB3905

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A6R580	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R581	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R582	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R583	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R584	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R585	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A6R586	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R587	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R588	315-0180-00		RES., FXD, CMPSN: 18 OHM, 5%, 0.25W	01121	CB1805
A6R589	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R590	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R591	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R592	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A6R593	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R594	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R595	315-0270-00		RES., FXD, CMPSN: 27 OHM, 5%, 0.25W	01121	CB2705
A6R596	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R597	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R598	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A6R599	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R646	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R647	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R648	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R649	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R650	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R651	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R652	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R653	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R654	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R655	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R656	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R657	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R658	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R659	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R660	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R661	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R662	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R663	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R664	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R665	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R746	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R759	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R798	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A6R805	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R846	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R847	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R848	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R849	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R850	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R851	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R852	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R853	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R854	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R855	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R856	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R857	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R858	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A6R859	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R860	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R861	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R862	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R863	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R864	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R865	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R866	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R867	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R868	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R869	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R870	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R871	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R898	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6U110	156-0118-02		MICROCIRCUIT, DI: DUAL J-K FLIP-FLOP	80009	156-0118-02
A6U115	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U120	156-0388-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A6U125	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A6U130	156-0739-00		MICROCIRCUIT, DI: QUAD 2-INP ORGATE	80009	156-0739-00
A6U135	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U140	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U145	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A6U150	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U160	156-0982-00		MICROCIRCUIT, DI: OCTAL D EDGE TRIG F-F	01295	SN74LS374
A6U165	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U170	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U175	156-0472-00		MICROCIRCUIT, DI: 13-INPUT NAND GATE	01295	SN74S133N
A6U180	156-1046-02		MICROCIRCUIT, DI: OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A6U185	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U190	156-1046-02		MICROCIRCUIT, DI: OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A6U195	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U210	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U215	156-1172-01		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, BURN IN	01295	SN74LS393
A6U220	156-0331-00		MICROCIRCUIT, DI: DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A6U225	156-0948-02		MICROCIRCUIT, DI: QUAD D F-F, BURN-IN	01295	SN74S175J4
A6U230	156-0690-03		MICROCIRCUIT, DI: QUAD 2 INP NOR GATE, BURN IN	01295	SN74S02
A6U235	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U240	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U245	156-0739-00		MICROCIRCUIT, DI: QUAD 2-INP ORGATE	80009	156-0739-00
A6U250	160-0339-00		MICROCIRCUIT, DI: 32 X 8 PROM, PROGRAMMED	80009	160-0339-00
A6U260	156-1014-00		MICROCIRCUIT, DI: 9 BIT ODD/EVEN PTY GEN/CHK	80009	156-1014-00
A6U265	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U270	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U275	156-0718-03		MICROCIRCUIT, DI: TRIPLE 3-INP NOR GATE	01295	SN74LS27
A6U280	156-0966-00		MICROCIRCUIT, DI: DUAL 5-INPUT NOR GATE	80009	156-0966-00
A6U285	156-1014-00		MICROCIRCUIT, DI: 9 BIT ODD/EVEN PTY GEN/CHK	80009	156-1014-00
A6U290	156-0916-02		MICROCIRCUIT, DI: 8-2 INP 3-STATE BFR, BURN	27014	DM81LS97
A6U295	156-1172-01		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, BURN IN	01295	SN74LS393
A6U310	156-0118-02		MICROCIRCUIT, DI: DUAL J-K FLIP-FLOP	80009	156-0118-02
A6U315	156-0118-02		MICROCIRCUIT, DI: DUAL J-K FLIP-FLOP	80009	156-0118-02
A6U320	156-0118-02		MICROCIRCUIT, DI: DUAL J-K FLIP-FLOP	80009	156-0118-02
A6U325	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U330	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U335	156-0118-02		MICROCIRCUIT, DI: DUAL J-K FLIP-FLOP	80009	156-0118-02
A6U340	156-0180-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U345	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U360	156-0690-03		MICROCIRCUIT, DI: QUAD 2 INP NOR GATE, BURN IN	01295	SN74S02

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6U365	156-0323-02		MICROCIRCUIT,DI:HEX INVERTER,BURN-IN	01295	SN74S04
A6U370	156-0304-02		MICROCIRCUIT,DI:DUAL 4 INP NAND GATE	01295	SN74S20
A6U375	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U380	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A6U385	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U390	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U395	156-1111-02		MICROCIRCUIT,DI:OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U410	156-0304-02		MICROCIRCUIT,DI:DUAL 4 INP NAND GATE	01295	SN74S20
A6U415	156-0321-02		MICROCIRCUIT,DI:TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U420	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A6U430	156-1058-01		MICROCIRCUIT,DI:OCTAL ST BFR W/3 STATE OUT	01295	SN74S240JP4
A6U435	156-1058-01		MICROCIRCUIT,DI:OCTAL ST BFR W/3 STATE OUT	01295	SN74S240JP4
A6U440	156-1216-01		MICROCIRCUIT,DI:QUAD 2 INP NAND BFR,SCRN	01295	SN74S37JP4
A6U445	156-1216-01		MICROCIRCUIT,DI:QUAD 2 INP NAND BFR,SCRN	01295	SN74S37JP4
A6U450	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A6U460	156-1058-01		MICROCIRCUIT,DI:OCTAL ST BFR W/3 STATE OUT	01295	SN74S240JP4
A6U465	156-1058-01		MICROCIRCUIT,DI:OCTAL ST BFR W/3 STATE OUT	01295	SN74S240JP4
A6U470	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A6U475	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U480	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U485	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A6U490	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A6U495	156-1111-02		MICROCIRCUIT,DI:OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U610	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U613	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U615	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U620	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U625	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U630	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U635	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U640	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U645	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U660	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U665	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U670	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U675	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U680	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U685	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U687	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U690	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A6U695	156-0968-02 -----			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U710	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U713	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U715	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U720	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U725	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U730	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U735	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U740	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U745	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U760	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U765	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U770	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U775	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U780	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U785	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U787	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U790	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U795	156-0968-02			MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U805	160-0340-01	B010100	B010165	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-01
A6U805	160-0340-03	B010166	B010307	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-03
A6U805	160-0340-02	B010308	B010813	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-02
A6U805	160-0340-04	B010814	B011752	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-04
A6U805	160-0340-05	B011753		MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0340-05
A6U810	160-0260-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0260-01
A6U810	160-0260-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0260-02
A6U820	160-0261-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0261-01
A6U820	160-0261-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0261-02
A6U825	160-0262-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0262-01
A6U825	160-0262-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0262-02
A6U835	160-0263-02	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0263-02
A6U835	160-0263-03	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0263-03
A6U845	160-0379-01	B010100	B010307	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0379-01
A6U845	160-0379-02	B010308	B010813	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0379-02
A6U845	160-0379-03	B010814	B011752	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0379-03
A6U845	160-0379-04	B011753		MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0379-04
A6U863	160-0380-01	B010100	B010307	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0380-01
A6U863	160-0380-02	B010308	B010813	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0380-02
A6U863	160-0380-03	B010814	B011752	MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0380-03
A6U863	160-0380-04	B011753		MICROCIRCUIT,DI:FPLA W/3 STATE OUT,PRGM	80009	160-0380-04
A6U870	160-0264-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0264-01
A6U870	160-0264-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0264-02
A6U880	160-0265-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0265-01
A6U880	160-0265-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0265-02
A6U885	160-0266-02	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0266-02
A6U885	160-0266-03	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0266-03
A6U893	160-0267-01	B010100	B010307	MICROCIRCUIT,DI:8192 X 8 ROM,CUSTOM MASK	80009	160-0267-01
A6U893	160-0267-02	B010308		MICROCIRCUIT,DI:8192 X 8 ROM,PROGRAMMED	80009	160-0V67-02
A6U897	160-0341-01	B010100	B010307	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0341-01
A6U897	160-0341-02	B010308	B010813	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0341-02
A6U897	160-0341-03	B010814	B011752	MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0341-03
A6U897	160-0341-04	B011753		MICROCIRCUIT,DI:256 X 8 PROM,PROGRAMMED	80009	160-0341-04
A6VR799	152-0195-00			SEMICOND DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755

**REPLACEABLE ELECTRICAL PARTS**

I/O

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
<b>A7 INPUT/OUTPUT</b>					
A7	670-5666-00	B010100 B010246	CKT BOARD ASSY: INPUT/OUTPUT	80009	670-5666-00
A7	670-5666-01	B010247 B010768	CKT BOARD ASSY: INPUT/OUTPUT	80009	670-5666-01
A7	670-5666-02	B010769	CKT BOARD ASSY: INPUT/OUTPUT	80009	670-5666-02
A7C20	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C50	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7C55	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C65	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C75	283-0204-00		CAP., FXD, CER DI: 0.01UF, 20%, 50V	72982	8121N061Z5U0103M
A7C110	285-0643-00		CAP., FXD, PLSTC: 0.0047UF, 5%, 100V	84411	TEK-180 47251
A7C120	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C121	283-0107-00	XBC10769	CAP., FXD, CER DI: 51PF, 5%, 200V	72982	8121B232C0G0510J
A7C135	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C160	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C161	283-0190-00		CAP., FXD, CER DI: 0.47UF, 5%, 50V	72982	8141N077X7R0474J
A7C165	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C177	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C205	281-0767-00		CAP., FXD, CER DI: 330PF, 20%, 100V	12969	CGB331MEX
A7C215	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A7C220	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C235	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C255	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C260	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C262	283-0177-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A7C265	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C280	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C282	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C310	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C320	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C335	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C350	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C360	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C410	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C435	290-0534-00		CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
A7C450	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C460	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A7C505	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7CR65	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LC4016
A7CR76	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7CR160	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR161	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR180	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7CR182	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR260	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7F380	159-0015-00		FUSE, CARTRIDGE: 3AG, 3A, 250V, 0.65 SEC	71400	AGC 3
A7F385	159-0015-00		FUSE, CARTRIDGE: 3AG, 3A, 250V, 0.65 SEC	71400	AGC 3
A7J101A	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A7J101B	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A7J102	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A7J103	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A7J104	131-2215-01		CONN, RCPT, ELEC: CKT BD 40 CONT, MALE	75037	3495-1002
A7J106	131-1857-00		TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A7J110	131-1857-00		TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
A7J114	131-2215-01		CONN, RCPT, ELEC: CKT BD, 40 CONT, MALE	75037	3495-1002
A7J115	131-0589-00		TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 6)		

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REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7J116	131-0589-00		TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 3)		
A7J117	131-0589-00		TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 3)		
A7J118	131-0589-00		TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
	-----		(QUANTITY OF 3)		
A7J119	131-2250-00		CONN, RCPT, ELEC:CKT BD, 5 MALE	27264	09-61-1053
A7Q80	151-0302-00		TRANSISTOR: SILICON, NPN	07263	S038487
A7Q165	151-0302-00		TRANSISTOR: SILICON, NPN	07263	S038487
A7Q180	151-0301-00		TRANSISTOR: SILICON, PNP	27014	2N2907A
A7Q280	151-0301-00		TRANSISTOR: SILICON, PNP	27014	2N2907A
A7R10	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A7R20	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R40	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R50	315-0751-00		RES., FXD, CMPSN: 750 OHM, 5%, 0.25W	01121	CB7515
A7R52	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R66	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A7R67	321-0318-02		RES., FXD, FILM: 20K OHM, 0.5%, 0.125W	91637	CMF55116D20001D
A7R68	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A7R69	321-0332-00		RES., FXD, FILM: 28K OHM, 1%, 0.125W	91637	MFF1816G28001F
A7R70	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A7R72	321-0197-00		RES., FXD, FILM: 1.1K OHM, 1%, 0.125W	91637	MFF1816G11000F
A7R74	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A7R75	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R77	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A7R78	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R79	308-0678-00		RES., FXD, WW: 0.1 OHM, 5%, 2W	75042	BWH-R1000J
A7R80	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7R82	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R84	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R85	311-1223-00		RES., VAR, NONWIR: TRMR, 250 OHM, 0.5W	02111	63M251T602
A7R110	321-0329-00		RES., FXD, FILM: 26.1K OHM, 1%, 0.125W	91637	MFF1816G26101F
A7R120	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R121	317-0101-00	XB010769	RES., FXD, CMPSN: 100 OHM, 5%, 0.125W	01121	BB1015
A7R130	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R150	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A7R162	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A7R163	315-0102-00	XB010247	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R164	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A7R166	321-0382-00		RES., FXD, FILM: 93.1K OHM, 1%, 0.125W	91637	MFF1816G93101F
A7R168	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R170	315-0822-00		RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A7R171	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A7R172	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R175	321-0959-03		RES., FXD, FILM: 24.0K OHM, 0.25%, 0.125W	91637	CMF110216D24010C
A7R176	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R178	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R180	308-0678-00		RES., FXD, WW: 0.1 OHM, 5%, 2W	75042	BWH-R1000J
A7R210	321-0412-00		RES., FXD, FILM: 191K OHM, 1%, 0.125W	91637	MFF1816G19102F
A7R240	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7R260	315-0184-00		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W	01121	CB1845
A7R261	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R268	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A7R270	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A7R272	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R276	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R278	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815

# REPLACEABLE ELECTRICAL PARTS

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A7R312	315-0150-00		RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB15C5
A7R315	315-0561-00		RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A7R320	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A7R325	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A7R345	315-0200-00		RES.,FXD,CMPSN:20 OHM,5%,0.25W	01121	CB2005
A7R350	321-0030-02		RES.,FXD,FILM:20 OHM,0.5%,0.125W	91637	LFF18D20R00D
A7R405	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A7R408	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A7R410	315-0203-00		RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
A7R420	315-0150-00		RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB1505
A7R430	315-0561-00		RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
A7R431	315-0910-00		RES.,FXD,CMPSN:91 OHM,5%,0.25W	01121	CB9105
A7R432	315-0820-00		RES.,FXD,CMPSN:82 OHM,5%,0.25W	01121	CB8205
A7R433	315-0510-00		RES.,FXD,CMPSN:51 OHM,5%,0.25W	01121	CB5105
A7R435	315-0131-00		RES.,FXD,CMPSN:130 OHM,5%,0.25W	01121	CB1315
A7R436	315-0150-00		RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB1505
A7R440	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A7R450	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A7TP1	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A7U10	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A7U15	156-0718-00		MICROCIRCUIT,DI:TRIPLE 3-INP POS-NOR GATES	80009	156-0718-00
A7U20	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A7U25	156-0472-00		MICROCIRCUIT,DI:13-INPUT NAND GATE	01295	SN74S133N
A7U30	156-0165-00		MICROCIRCUIT,DI:DUAL 4-INPUT POS NOR GATE	01295	SN7425N
A7U35	156-0464-00		MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A7U40	156-0313-00		MICROCIRCUIT,DI:DUAL 2-INPUT NOR PERD DR	01295	SN75454
A7U45	156-0600-00		MICROCIRCUIT,DI:QUAD BUS XCVR	80009	156-0600-00
A7U50	156-0462-00		MICROCIRCUIT,DI:HEX SCHMITT TRIG,TTL	80009	156-0462-00
A7U55	156-0600-00		MICROCIRCUIT,DI:QUAD BUS XCVR	80009	156-0600-00
A7U60	156-0600-00		MICROCIRCUIT,DI:QUAD BUS XCVR	80009	156-0600-00
A7U80	156-0853-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,DUAL	27014	LM358N
A7U115	156-0487-00		MICROCIRCUIT,DI:DUAL RETRIG,ONE SHOT	80009	156-0487-00
A7U120	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A7U125	156-0464-00		MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A7U130	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A7U135	156-0092-00		MICROCIRCUIT,DI:HEX INV W/OPEN COLLECTOR	80009	156-0092-00
A7U140	156-0165-00		MICROCIRCUIT,DI:DUAL 4-INPUT POS NOR GATE	01295	SN7425N
A7U145	156-0480-00		MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A7U150	156-0541-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	27014	DM74LS139N
A7U155	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A7U160	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U165	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A7U210	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A7U220	156-0910-00		MICROCIRCUIT,DI:DUAL DECADE COUNTER	01295	SN74LS390(N OR J)
A7U225	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A7U230	156-0385-00		MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00
A7U235	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U240	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A7U245	156-0480-00		MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A7U255	156-0600-00		MICROCIRCUIT,DI:QUAD BUS XCVR	80009	156-0600-00
A7U260	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U270	156-0853-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,DUAL	27014	LM358N
A7U280	156-0853-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,DUAL	27014	LM358N
A7U305	156-0789-00		MICROCIRCUIT,DI:8-BIT SR,PRL LOAD	80009	156-0789-00
A7U310	156-0651-00		MICROCIRCUIT,DI:8-BIT PRL-OUT,SER SHF RGTR	01295	SN74LS164N
A7U315	156-0480-00		MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A7U320	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00

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REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A7U325	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A7U330	156-0696-00			MICROCIRCUIT,DI:QUAD CMLM-OUTPUT & NAND	01295	SN4265N
A7U335	156-0093-00			MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0093-00
A7U340	156-0738-00			MICROCIRCUIT,DI:QUADR HEX D TYPE FF	80009	156-0738-00
A7U345	156-0323-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A7U350	156-0738-00			MICROCIRCUIT,DI:QUADR HEX D TYPE FF	80009	156-0738-00
A7U355	156-0738-00			MICROCIRCUIT,DI:QUADR HEX D TYPE FF	80009	156-0738-00
A7U360	156-0784-00			MICROCIRCUIT,DI:SYNC 4 BIT BINARY COUNTER	01295	SN74LS163AN
A7U365	156-0331-00			MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A7U405	156-1205-00			MICROCIRCUIT,DI:PERIPHERAL INTFC ADAPTER	04713	MC68B21P OR L
A7U410	156-0916-00			MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U415	156-1065-00			MICROCIRCUIT,DI:OCTAL D TYPE TRANS LATCHES	01295	SN74LS373N OR J
A7U420	156-1205-00			MICROCIRCUIT,DI:PERIPHERAL INTFC ADAPTER	04713	MC68B21P OR L
A7U430	156-1205-00			MICROCIRCUIT,DI:PERIPHERAL INTFC ADAPTER	04713	MC68B21P OR L
A7U435	156-0180-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A7U437	156-0459-00			MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74S08(N OR J)
A7U440	156-0541-00			MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	27014	DM74LS139N
A7U445	156-0916-00			MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U447	156-0331-00			MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A7U450	156-0916-00			MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U453	156-0331-00			MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A7U455	156-0916-00			MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A7U457	156-0321-00			MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A7U460	156-0865-00			MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A7U463	156-0331-00			MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A7U465	156-0865-00			MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A7U470	156-0865-00			MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A7VR70	152-0166-00			SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR170	152-0304-00			SEMICONV DEVICE:ZENER,0.4W,20V,5%	15238	Z5411
A7VR180	152-0166-00			SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR268	152-0166-00			SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR282	152-0590-00			SEMICONV DEVICE:ZENER,18V,5% AT 7MA	04713	SZG35014K2

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A9 VECTOR GENERATOR						
A9	670-5667-00	B010100	B010195	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-00
A9	670-5667-01	B010196	B011251	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-01
A9	670-5667-02	B011252	B011426	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-02
A9	670-5667-03	B011427	B012537	CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-03
A9	670-5667-04	B012540		CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-04
A9C109	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C111	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C113	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C115	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C117	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C118	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C128	290-0167-00			CAP., FXD, ELCTLT: 10UF, 20%, 15V	56289	150D106X0015B2
A9C139	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C149	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C159	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C169	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C179	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C189	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C200	283-0600-00	XB010196		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C209	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C219	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C239	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C249	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C259	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C269	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C279	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C308	290-0183-00			CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C339	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C349	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C359	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C369	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C379	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C401	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C402	283-0600-00	XB010196		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C403	285-1050-00			CAP., FXD, PLSTC:0.1UF, 1%, 200V	14752	230B1C104F
A9C405	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C407	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C410	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C411	290-0183-00			CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C413	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C415	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C417	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C418	290-0183-00			CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C439	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C449	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C459	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C469	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C479	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C489	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C501	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C502	283-0600-00	XB010196		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C503	285-1050-00			CAP., FXD, PLSTC:0.1UF, 1%, 200V	14752	230B1C104F
A9C539	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C549	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C559	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A9C569	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C579	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C589	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C605	283-0600-00	XB010196		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C610	290-0183-00			CAP., FXD, ELCTLT:1UF, 10%, 35V	90201	TAC105K035P02
A9C613	290-0183-00			CAP., FXD, ELCTLT:1UF, 10%, 35V	90201	TAC105K035P02
A9C615	290-0183-00			CAP., FXD, ELCTLT:1UF, 10%, 35V	90201	TAC105K035P02
A9C618	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C649	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C659	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C669	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C689	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C707	283-0421-00			CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C749	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C759	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C769	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C789	283-0422-00			CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9J306A	131-1425-00			CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A9J306B	131-1426-00			CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A9J314A	131-1425-00			CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A9J314B	131-1426-00			CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A9L111	108-0598-00			COIL, RF:200UH	80009	108-0598-00
A9L117	108-0598-00			COIL, RF:200UH	80009	108-0598-00
A9L410	108-0598-00			COIL, RF:200UH	80009	108-0598-00
A9L419	108-0598-00			COIL, RF:200UH	80009	108-0598-00
A9P330	131-1994-00			CONN, RCPT, ELEC:CKT BD, 10 CONTACT MALE (QUANTITY OF 2)	27264	22-16-2101
A9Q105	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q200	151-0271-00	B010100	B010195	TRANSISTOR: SILICON, PNP	04713	SPS8236
A9Q200	151-0188-00	B010196		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q205	151-0271-00	B010100	B010195	TRANSISTOR: SILICON, PNP	04713	SPS8236
A9Q205	151-0188-00	B010196		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q300	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q305	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q400	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q500	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q600	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q603	151-0192-00			TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q605	151-0271-00	B010100	B010195	TRANSISTOR: SILICON, PNP	04713	SPS8236
A9Q605	151-0188-00	B010196		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q607	151-0271-00	B010100	B010195	TRANSISTOR: SILICON, PNP	04713	SPS8236
A9Q607	151-0188-00	B010196		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q705	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9R103	311-1281-00	XB010196		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.5W	32997	3329W-L58-252
A9R113	315-0682-00				RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121
A9R203	321-0224-00	B010100	B010195	RES., FXD, FILM: 2.1K OHM, 1%, 0.125W	91637	MFF1816G21000F
A9R203	315-0102-00	B010196		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9R204	315-0392-00			RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R205	315-0392-00			RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R209	321-0139-00			RES., FXD, FILM: 274 OHM, 1%, 0.125W	91637	MFF1816G274ROF
A9R214	315-0392-00			RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R215	321-0204-00			RES., FXD, FILM: 1.3K OHM, 1%, 0.125W	91637	MFF1816G13000F
A9R216	321-0097-00			RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R217	321-0097-00			RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R222	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A9R285	315-0242-00			RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A9R286	315-0242-00			RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A9R306	321-0105-00			RES.,FXD,FILM:121 OHM,1%,0.125W	91637	MFF1816G121ROF
A9R308	321-0105-00			RES.,FXD,FILM:121 OHM,1%,0.125W	91637	MFF1816G121ROF
A9R309	315-0132-00			RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
A9R321	311-1245-00			RES.,VAR,NONWIR:10K OHM,10%,0.50W	73138	72-28-0
A9R323	315-0432-00			RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
A9R324	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A9R405	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A9R421	311-2071-00			RES.,VAR,NONWIR:CKT BD,2K OHM,20%,0.5W	01121	E4C202
A9R475	315-0242-00			RES.,FXD,CMPSN:2.4K OHM,5%,0.25W	01121	CB2425
A9R504	315-0132-00			RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
A9R505	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A9R507	321-0105-00			RES.,FXD,FILM:121 OHM,1%,0.125W	91637	MFF1816G121ROF
A9R509	315-0432-00			RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
A9R601	321-0105-00			RES.,FXD,FILM:121 OHM,1%,0.125W	91637	MFF1816G121ROF
A9R615	321-0097-00			RES.,FXD,FILM:100 OHM,1%,0.125W	91637	MFF1816G100ROF
A9R616	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
A9R617	321-0097-00			RES.,FXD,FILM:100 OHM,1%,0.125W	91637	MFF1816G100ROF
A9R621	311-2071-00			RES.,VAR,NONWIR:CKT BD,2K OHM,20%,0.5W	01121	E4C202
A9R702	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A9R703	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A9R704	321-0139-00			RES.,FXD,FILM:274 OHM,1%,0.125W	91637	MFF1816G274ROF
A9R706	321-0224-00	B010100	B01C195	RES.,FXD,FILM:2.1K OHM,1%,0.125W	91637	MFF1816G21000F
A9R706	315-0102-00	B010196		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A9R708	311-1281-00	XB010196		RES.,VAR,NONWIR:2.5K OHM,10%,0.5W	32997	3329W-L58-252
A9R711	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A9R712	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
A9R715	311-1245-00	B010100	B011251	RES.,VAR,NONWIR:10K OHM,10%,0.50W	73138	72-28-0
A9R715	311-1198-00	B011252		RES.,VAR,NONWIR:20K OHM,20%,0.5W	73138	72-29-0
A9R716	315-0623-00	B010100	B011251	RES.,FXD,CMPSN:62K OHM,5%,0.25W	01121	CB6235
A9R716	315-0563-00	B011252		RES.,FXD,CMPSN:56K OHM,5%,0.25W	01121	CB5635
A9TP405	214-0579-00			TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A9TP505	214-0579-00			TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A9TP560	214-0579-00			TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A9U135	156-0844-00			MICROCIRCUIT,DI:SYNC 4-BIT BIN COUNTER	34335	SN74LS161N
A9U145	156-0480-00			MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A9U155	156-0382-00	B010100	B011426	MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U155	156-0030-00	B011427		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)
A9U165	156-0464-00			MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A9U175	156-0120-00			MICROCIRCUIT,DI:SINGLE 4-BIT R/L SHIFT REG	80009	156-0120-00
A9U185	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U210	156-0162-00			MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A9U235	156-0385-00			MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00
A9U245	156-0311-00			MICROCIRCUIT,DI:6-BIT BINARY RATE MULT	80009	156-0311-00
A9U255	156-0311-00			MICROCIRCUIT,DI:6-BIT BINARY RATE MULT	80009	156-0311-00
A9U265	156-0311-00			MICROCIRCUIT,DI:6-BIT BINARY RATE MULT	80009	156-0311-00
A9U275	156-0311-00			MICROCIRCUIT,DI:6-BIT BINARY RATE MULT	80009	156-0311-00
A9U315	156-1329-00			MICROCIRCUIT,LI:D/A CONVERTER	24355	AD565JD
A9U335	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U345	156-0391-00			MICROCIRCUIT,DI:HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U355	156-0391-00			MICROCIRCUIT,DI:HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U365	156-0391-00			MICROCIRCUIT,DI:HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U575	156-0391-00			MICROCIRCUIT,DI:HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U435	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U445	156-0412-00			MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U455	156-0412-00			MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U465	156-0412-00			MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U475	156-0385-00			MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff      Dscont	Name & Description	Mfr Code	Mfr Part Number
A9U485	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U515	156-1329-00		MICROCIRCUIT,LI:D/A CONVERTER	24355	AD565JD
A9U535	156-0093-00		MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0093-00
A9U545	156-0412-00		MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U555	156-0412-00		MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U565	156-0412-00		MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U575	156-0041-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
A9U585	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U610	156-0162-00		MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A9U645	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U655	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U665	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U675	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U685	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U745	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U755	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U765	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U775	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U785	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9VR110	152-0055-00		SEMICONV DEVICE:ZENER,0.4W,11V,5%	04713	SZG35009K1
A9VR219	152-0395-00		SEMICONV DEVICE:ZENER,0.4W,4.3V,5%	14552	TD332317
A9VR625	152-0055-00		SEMICONV DEVICE:ZENER,0.4W,11V,5%	04713	SZG35009K1
A9VR710	152-0395-00		SEMICONV DEVICE:ZENER,0.4W,4.3V,5%	14552	TD332317

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A10 DISPLAY CONTROLLER					
A10	670-5672-00	B010100 B010345	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-00
A10	670-5672-01	B010346 B010403	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-01
A10	670-5672-02	B010404 B011326	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-02
A10	670-5672-03	B011327 B011376	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-03
A10	670-5672-04	B011377	CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-04
A10C5	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C10	283-0197-00		CAP., FXD, CER DI:470PF, 5%, 100V	72982	8121N075C0G0471J
A10C20	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C35	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C45	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C100	290-0135-00		CAP., FXD, ELCTLT:15UF, 20%, 20V	56289	150D156X0020B2
A10C105	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C110	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C115	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C120	290-0135-00		CAP., FXD, ELCTLT:15UF, 20%, 20V	56289	150D156X0020B2
A10C125	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C230	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C245	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C325	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C335	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C340	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C412	283-0204-00		CAP., FXD, CER DI:0.01UF, 20%, 50V	72982	8121N061Z5U0103M
A10C420	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C430	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C450	283-0197-00		CAP., FXD, CER DI:470PF, 5%, 100V	72982	8121N075C0G0471J
A10C510	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A10C520	283-0195-00		CAP., FXD, CER DI:680PF, 5%, 50V	72982	8121N075C0G0681J
A10C522	283-0195-00		CAP., FXD, CER DI:680PF, 5%, 50V	72982	8121N075C0G0681J
A10C525	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C535	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C630	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C640	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C720	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C722	281-0775-00	XB010404	CAP., FXD, CER DI:0.1UF, 20%, 50V	04222	SA205E104MAA
A10C724	281-0775-00	XB010404	CAP., FXD, CER DI:0.1UF, 20%, 50V	04222	SA205E104MAA
A10C740	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C744	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C745	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C750	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10CR300	152-0075-00		SEMICONV DEVICE:GE, 25V, 40MA	14433	G866
A10CR310	152-0061-00	XB011327	SEMICONV DEVICE:SILICON, 175V, 100MA	07263	FDH2161
A10CR320	152-0075-00		SEMICONV DEVICE:GE, 25V, 40MA	14433	G866
A10J304A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A10J304B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A10J305A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A10J305B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A10J307	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 9)	22526	47357
A10J308	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 4)	22526	47357
A10J510	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A10L520	108-0538-00		COIL, RF:2.7UH	76493	JWM#B7059
A10Q500	151-0183-00		TRANSISTOR: SILICON, NPN	27014	NS14069
A10Q600	151-0224-00		TRANSISTOR: SILICON, NPN	07263	SA24850

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A10Q700	151-0224-00		TRANSISTOR: SILICON, NPN	07263	SA24850
A10R5	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A10R10	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R25	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R300	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A10R310	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R350	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R355	311-1915-00		RES., VAR, NONWIR: 20K OHM, 10%, 0.50W	73138	72-196-0
A10R400	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R401	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R402	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R410	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A10R412	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R450	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R455	311-1915-00		RES., VAR, NONWIR: 20K OHM, 10%, 0.50W	73138	72-196-0
A10R500	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R501	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R502	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R503	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A10R510	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A10R520	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A10R521	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A10R522	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R523	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R710	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R715	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A10R720	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R721	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R722	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R725	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R726	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R727	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R730	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R731	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R732	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R740	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R741	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A10R742	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R743	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R744	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R745	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R746	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R747	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A10R748	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R750	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R751	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R752	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A10R753	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R754	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A10U20	156-0733-00		MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A10U25	156-0804-00		MICROCIRCUIT, DI: QUADRUPLE S-R LATCH	07263	74LS279PC
A10U35	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U40	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U45	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U120	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A10U125	156-0388-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U130	156-0480-00		MICROCIRCUIT, DI: QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A10U135	156-0718-00		MICROCIRCUIT,DI:TRIPLE 3-INP POS-NOR GATES	80009	156-0718-00
A10U140	156-0789-00		MICROCIRCUIT,DI:8-BIT SR,PRL LOAD	80009	156-0789-00
A10U145	156-0412-00		MICROCIRCUIT,DI:4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U220	156-0172-00		MICROCIRCUIT,DI:DUAL RETRIG ONE-SHOT W/CLR	80009	156-0172-00
A10U225	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U230	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U235	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U240	156-0789-00		MICROCIRCUIT,DI:8-BIT SR,PRL LOAD	80009	156-0789-00
A10U245	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U320	156-0386-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	04713	SN74LS10N OR J
A10U325	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U330	156-0804-00		MICROCIRCUIT,DI:QUADRUPLE S-R LATCH	07263	74LS279PC
A10U335	156-0703-00		MICROCIRCUIT,DI:4-2-3-2 INPUT AND-OR GATES	07263	74S64PC
A10U340	156-0385-00		MICROCIRCUIT,DI:HEX.INVERTER	80009	156-0385-00
A10U345	156-0735-00		MICROCIRCUIT,DI:4-BIT BISTABLE LATCH	80009	156-0735-00
A10U420	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A10U425	156-0481-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT AND GATE	07263	74LS11(PC OR DC)
A10U430	156-0385-00		MICROCIRCUIT,DI:HEX.INVERTER	80009	156-0385-00
A10U435	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U440	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U445	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U525	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U530	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U535	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U540	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U545	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A10U620	156-0733-00		MICROCIRCUIT,DI:DUAL MONOSTABLE MV	80009	156-0733-00
A10U625	156-0733-00		MICROCIRCUIT,DI:DUAL MONOSTABLE MV	80009	156-0733-00
A10U630	156-0731-00		MICROCIRCUIT,DI:DUAL J-K FF W/PRESET & CLR	01295	SN74LS76A
A10U635	156-0386-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	04713	SN74LS10N OR J
A10U640	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U645	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A10U720	156-0411-00		MICROCIRCUIT,LI:QUAD-COMP,SGL SUPPLY	27014	LM339N
A10U725	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A10U730	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U735	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10VR310	152-0278-00	B010100 B011326X	SEMICONV DEVICE:ZENER,0.4W,3V,5%	04713	SZG35009K20
A10Y610	158-0135-00		XTAL UNIT,QTZ:14.7456 MHZ,0.01%,SERIES	01807	0BD

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A11 DEFLECTION AMPLIFIER						
A11	672-0783-02	B010100	B010407	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-02
A11	672-0783-03	B010408	B010586	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-03
A11	672-0783-04	B010587	B011828	CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-04
A11	672-0783-05	B011829		CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-05
A11	672-1025-00			CKT BOARD ASSY:DEFLECTION AMPLIFIER (OPTION 31 ONLY)	80009	672-1025-00
A11C5	290-0301-00			CAP., FXD, ELCLTL: 10UF, 10%, 20V	56289	150D106X9020B2
A11C10	290-0301-00			CAP., FXD, ELCLTL: 10UF, 10%, 20V	56289	150D106X9020B2
A11C60	290-0745-00			CAP., FXD, ELCLTL: 22UF, +50-10%, 25V	56289	502D225
A11C62	290-0745-00			CAP., FXD, ELCLTL: 22UF, +50-10%, 25V	56289	502D225
A11C70	281-0759-00			CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C75	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C91	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C100	285-1098-00			CAP., FXD, PLSTC: 0.22UF, 10%, 80V	56289	192P2249R8
A11C105	285-1098-00			CAP., FXD, PLSTC: 0.22UF, 10%, 80V	56289	192P2249R8
A11C129	283-0114-00			CAP., FXD, CER DI: 0.0015UF, 5%, 200V	72982	805-509B152J
A11C130	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C143	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C144	283-0114-00			CAP., FXD, CER DI: 0.0015UF, 5%, 200V	72982	805-509B152J
A11C173	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C177	281-0759-00			CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C190	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C194	281-0772-00			CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A11C230	281-0788-00			CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A11C233	281-0788-00			CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A11C243	285-0629-00			CAP., FXD, PLSTC: 0.047UF, 20%, 100V	56289	410P47301
A11C244	281-0759-00			CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C263	285-0629-00			CAP., FXD, PLSTC: 0.047UF, 20%, 100V	56289	410P47301
A11C264	281-0759-00			CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C275	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A11C293	283-0142-00			CAP., FXD, CER DI: 0.0027UF, 5%, 200V (REMOVED FOR OPTION 31)	59660	875-571-Y5E0272J
A11C294	283-0142-00			CAP., FXD, CER DI: 0.0027UF, 5%, 200V (REMOVED FOR OPTION 31)	59660	875-571-Y5E0272J
A11C494	283-0142-00			CAP., FXD, CER DI: 0.0027UF, 5%, 200V (OPTION 31 ONLY)	59660	875-571-Y5E0272J
A11C496	281-0772-00			CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A11C497	281-0811-00			CAP., FXD, CER DI: 10PF, 10%, 100V	72982	8035D2AADC1G100K
A11C499	283-0142-00			CAP., FXD, CER DI: 0.0027UF, 5%, 200V (OPTION 31 ONLY)	59660	875-571-Y5E0272J
A11CR25	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR27	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR45	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR47	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR80	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR91	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR93	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR95	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR180	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR182	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR191	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR192	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR193	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR195	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR198	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11CR270	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR272	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR280	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR282	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR295	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR296	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR345	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR346	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR365	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR366	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR375	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR385	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR494	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR495	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR496	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR497	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR498	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11Q10	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
A11Q20	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
A11Q40	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
A11Q60	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
A11Q80	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q85	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q90	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q95	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q180	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q185	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q190	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q195	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q205	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q291	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q292	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q305	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q308	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q378	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q399	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11R10	308-0242-00		RES., FXD, WW: 0.25 OHM, 5%, 5W	91637	CW2A-ER2500K
A11R25	307-0593-00		RES., FXD, FOLL: 0.25 OHM, 5%	80009	307-0593-00
A11R28	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R30	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R35	307-0551-01		RES NTWK, THK FI: YOKE TERMINATION	80009	307-0551-01
A11R40	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R42	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R45	307-0593-00		RES., FXD, FOLL: 0.25 OHM, 5%	80009	307-0593-00
A11R60	311-1241-00		RES., VAR, NONWIR: 100K OHM, 10%, 0.5W	32997	3386X-T07-104
A11R61	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R63	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R71	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A11R73	321-0286-00		RES., FXD, FILM: 9.31K OHM, 1%, 0.125W	91637	MFF1816G93100F
A11R75	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R76	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R78	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R81	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R83	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R85	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R87	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R89	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11R90	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R91	321-0304-00		RES., FXD, FILM: 14.3K OHM, 1%, 0.125W	91637	MFF1816G14301F
A11R92	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R95	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A11R96	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R98	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (REMOVE FOR OPTION 31)	01121	CB1015
A11R101	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R102	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A11R106	321-0158-00	B010100 B010586	RES., FXD, FILM: 432 OHM, 1%, 0.125W	91637	MFF1816G432ROF
A11R106	321-0193-00	B010587	RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R107	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A11R108	321-0205-00	B010100 B010586	RES., FXD, FILM: 1.33K OHM, 1%, 0.125W	91637	MFF1816G13300F
A11R108	321-0236-00	B010587	RES., FXD, FILM: 2.8K OHM, 1%, 0.125W	91637	MFF1816G28000F
A11R109	321-0158-00	B010100 B010586	RES., FXD, FILM: 432 OHM, 1%, 0.125W	91637	MFF1816G432ROF
A11R109	321-0193-00	B010587	RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R110	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11R123	321-0112-00		RES., FXD, FILM: 143 OHM, 1%, 0.125W	91637	MFF1816G143ROF
A11R125	311-1244-00		RES., VAR, NONWIR: 100 OHM, 10%, 0.50W	32997	3386X-T07-101
A11R127	321-0176-00		RES., FXD, FILM: 665 OHM, 1%, 0.125W	91637	MFF1816G665ROF
A11R127	321-0180-00		RES., FXD, FILM: 732 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G732ROF
A11R128	315-0433-00		RES., FXD, CMPSN: 43K OHM, 5%, 0.25W	01121	CB4335
A11R129	315-0564-00		RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A11R135	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R140	321-0181-00		RES., FXD, FILM: 750 OHM, 1%, 0.125W	91637	MFF1816G750ROF
A11R140	321-0185-00		RES., FXD, FILM: 825 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G825ROF
A11R142	315-0433-00		RES., FXD, CMPSN: 43K OHM, 5%, 0.25W	01121	CB4335
A11R143	315-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.25W	01121	CB2245
A11R145	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R146	321-0179-00		RES., FXD, FILM: 715 OHM, 1%, 0.125W	91637	MFF1816G715ROF
A11R146	321-0183-00		RES., FXD, FILM: 787 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G787ROF
A11R147	321-0184-00		RES., FXD, FILM: 806 OHM, 1%, 0.125W	91637	MFF1816G806ROF
A11R147	321-0188-00		RES., FXD, FILM: 887 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G887ROF
A11R149	321-0112-00		RES., FXD, FILM: 143 OHM, 1%, 0.125W	91637	MFF1816G143ROF
A11R150	311-1244-00		RES., VAR, NONWIR: 100 OHM, 10%, 0.50W	32997	3386X-T07-101
A11R160	311-1241-00		RES., VAR, NONWIR: 100K OHM, 10%, 0.50W	32997	3386X-T07-104
A11R167	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R169	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R170	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R172	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R175	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R178	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A11R179	321-0286-00		RES., FXD, FILM: 9.31K OHM, 1%, 0.125W	91637	MFF1816G93100F
A11R180	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R183	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R185	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R187	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R189	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R191	321-0371-00		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A11R194	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R195	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R196	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11R197	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R198	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R199	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R201	321-0205-00	B010100 B01C586	RES., FXD, FILM: 1.33K OHM, 1%, 0.125W	91637	MFF1816G13300F
A11R201	321-0193-00	B010587	RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R202	321-0205-00	B010100 B01C586	RES., FXD, FILM: 1.33K OHM, 1%, 0.125W	91637	MFF1816G13300F
A11R202	321-0193-00	B010587	RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R203	321-0229-00	B010100 B010586	RES., FXD, FILM: 2.37K OHM, 1%, 0.125W	91637	MFF1816G23700F
A11R203	321-0208-00	B010587	RES., FXD, FILM: 1.43K OHM, 1%, 0.125W	91637	MFF1816G14300F
A11R204	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R205	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R206	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R208	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R209	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R210	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R211	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R212	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R213	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R221	311-1246-00	B010100 B010586	RES., VAR, NONWIR: 50K OHM, 10%, 0.50W	02111	63X-503-T602
A11R221	311-1239-00	B010587	RES., VAR, NONWIR: 2.5K OHM, 10%, 0.50W	73138	72-26-0
A11R222	311-1245-00	B010100 B010586	RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11R222	311-1237-00	BC10587	RES., VAR, NONWIR: 1K OHM, 10%, 0.50W	32997	3386X-T07-102
A11R225	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R228	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R231	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R232	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R240	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A11R260	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A11R273	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R274	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R283	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R284	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R293	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R294	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R295	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R296	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R300	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A11R301	315-0362-00		RES., FXD, CMPSN: 3.6K OHM, 5%, 0.25W	01121	CB3625
A11R303	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R304	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R305	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A11R306	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R307	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R309	315-0122-00	B010100 B011828	RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A11R309	315-0182-00	B011829	RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R310	315-0122-00	B010100 B011828	RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A11R310	315-0182-00	B011829	RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R325	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R326	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A11R327	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R328	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11R329	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A11R330	321-0264-00		RES., FXD, FILM: 5.49K OHM, 1%, 0.125W	91637	MFF1816G54900F
A11R330	321-0252-00		RES., FXD, FILM: 4.12K OHM, 1%, 0.125W	91637	MFF1816G41200F
	-----		(OPTION 31 ONLY)		
A11R332	321-0312-00		RES., FXD, FILM: 17.4K OHM, 1%, 0.125W	91637	MFF1816G17401F
A11R333	321-0397-00		RES., FXD, FILM: 133K OHM, 1%, 0.125W	91637	MFF1816G13302F

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11R335	321-0336-00		RES., FXD, FILM: 30.9K OHM, 1%, 0.125W	91637	MFF1816G30901F
A11R335	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G29401F
A11R337	321-0386-00		RES., FXD, FILM: 102K OHM, 1%, 0.125W	91637	MFF1816G10202F
A11R337	321-0373-00		RES., FXD, FILM: 75K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G75001F
A11R339	321-0264-00		RES., FXD, FILM: 5.49K OHM, 1%, 0.125W	91637	MFF1816G54900F
A11R339	321-0252-00		RES., FXD, FILM: 4.12K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G41200F
A11R340	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A11R341	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R343	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A11R344	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R348	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R350	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R360	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A11R361	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R363	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A11R364	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R367	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R368	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R370	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R371	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R373	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R376	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A11R380	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R381	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R383	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R386	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A11R389	315-0203-00	XB010587	RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R391	315-0202-00	XB010587	RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A11R392	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A11R393	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R394	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11R395	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A11R396	315-0364-00		RES., FXD, CMPSN: 360K OHM, 5%, 0.25W	01121	CB3645
A11R397	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A11R398	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A11R399	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R494	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A11R495	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R496	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A11R497	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A11R498	315-0364-00		RES., FXD, CMPSN: 360K OHM, 5%, 0.25W	01121	CB3645
A11R499	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A11U65	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U65	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U95	156-0733-00		MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A11U95	156-0733-02		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCR N (OPTION 31 ONLY)	04713	SN74LS221N/J
A11U165	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U165	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U225	155-0154-00		MICROCIRCUIT, LI: CHANNEL SWITCH	80009	155-0154-00
A11U230	155-0152-01		MICROCIRCUIT, LI: GEOMETRY & FOCUS CORR	80009	155-0152-01
A11U245	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A11U245	156-0742-02 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U265	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U265	156-0742-02 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U275	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U275	156-0742-02 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U285	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U285	156-0742-02 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U291	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U291	156-0742-02 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U295	156-0013-00	B010100 B010586	MICROCIRCUIT, DI: DIFF COMPARATOR	07263	SL21770
A11U295	156-0096-00	B010587	MICROCIRCUIT, LI: VOLTAGE COMPARATOR	27014	LM311H
A11U295	156-0096-02 -----		MICROCIRCUIT, LI: VOLTAGE COMPARATOR, SCR N (OPTION 31 ONLY)	27014	LM311H/A+
A11U297	156-0072-00		MICROCIRCUIT, DI: MONOSTABLE MV, TTL, 14 DIP	01295	SN74121(N OR J)
A11U297	156-0072-02 -----		MICROCIRCUIT, DI: MONOSTABLE MV, BURN-IN (OPTION 31 ONLY)	01295	SN74121
A11VR103	152-0166-00		SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR104	152-0166-00		SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR285	152-0195-00	B010100 B010407	SEMICON D DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZ11755
A11VR285	152-0166-00	B010408 B010586X	SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR285	131-0566-01 -----		BUS, CONDUCTOR: DUMMY RES, 2.375, 22 AWG(64) (OPTION 31 ONLY)	80009	131-0566-01
A11VR286	152-0166-00	XB010408 B010586X	SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR287	152-0166-00	XB010408 B010586X	SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR288	152-0166-00	XB010408 B010586X	SEMICON D DEVICE: ZENER, 0.4W, 6.2V, 5%	04713	SZ11738
A11VR347	152-0195-00		SEMICON D DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZ11755
A11VR349	152-0195-00		SEMICON D DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZ11755
A11VR367	152-0195-00		SEMICON D DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZ11755
A11VR369	152-0195-00		SEMICON D DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZ11755
A11VR493	152-0149-00	B010100 B010586X	SEMICON D DEVICE: ZENER, 0.4W, 10V, 5%	04713	SZG35009K3
A11VR493	131-0566-00 -----		BUS CONDUCTOR: DUMMY RES, 2.375, 22 AWG (OPTION 31 ONLY)	55210	L-2007-1
A11W285	131-0566-00	XB010587	BUS CONDUCTOR: DUMMY RES, 2.375, 22 AWG	55210	L-2007-1
A11W493	131-0566-00	XB010587	BUS CONDUCTOR: DUMMY RES, 2.375, 22 AWG	55210	L-2007-1

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Serial/Model No. Dscont	Name & Description	Mfr Code	Mfr Part Number
A12 STORAGE						
A12	672-0795-02	B010100	B011088	CKT BOARD ASSY:STORAGE	80009	672-0795-02
A12	672-0795-03	B011089	B012306	CKT BOARD ASSY:STORAGE	80009	672-0795-03
A12	672-0795-04	B012307		CKT BOARD ASSY:STORAGE	80009	672-0795-04
A12	672-0795-06			CKT BOARD ASSY:STORAGE	80009	672-0795-06
	-----			(OPTION 31 ONLY)		
A12C9	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C11	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C13	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C15	283-0002-00			CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM103Z5014R9
A12C18	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
A12C37	283-0029-00			CAP., FXD, CER DI: 0.005UF, 5%, 500V	72982	821-000B502J
A12C67	283-0035-00			CAP., FXD, CER DI: 0.0015UF, 20%, 400V	72982	811-000Z5U0152Z
A12C78	281-0603-00			CAP., FXD, CER DI: 39PF, 5%, 500V	59660	308-000C0G0390J
A12C109	281-0773-00			CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C110	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C120	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C121	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C125	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C126	281-0773-00			CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C130	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C132	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C135	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C143	290-0297-00			CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C153	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C159	290-0297-00			CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C164	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C165	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C168	290-0297-00			CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C171	290-0183-00			CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A12C178	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C209	290-0288-00			CAP., FXD, ELCTLT: 0.27UF, 10%, 35V	56289	162D274X9035BC2
A12C214	281-0767-00			CAP., FXD, CER DI: 330PF, 20%, 100V	12969	CGB331MEX
A12C215	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C225	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C226	281-0773-00			CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C227	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C245	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C281	290-0263-00			CAP., FXD, ELCTLT: 2.7UF, 15V	56289	162D275X9015CD2
A12C282	290-0183-00			CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A12C288	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C345	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C346	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C347	281-0812-00			CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12CR32	152-0107-00			SEMICONV DEVICE: SILICON, 400V, 400MA	01295	G727
A12CR70	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR80	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR86	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR114	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR124	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR186	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR208	152-0333-00	XB011089		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR221	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR238	152-0075-00	B010100	B011088X	SEMICONV DEVICE: GE, 25V, 40MA	14433	G866
A12CR243	152-0075-00			SEMICONV DEVICE: GE, 25V, 40MA	14433	G866
A12CR250	152-0075-00	B010100	B011088X	SEMICONV DEVICE: GE, 25V, 40MA	14433	G866

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A12CR273	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR278	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR288	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12M365	149-0030-00			METER, T TOTAL: ELAPSED TIME, DC, CKT BD MT	18583	21985-000
A12M366	149-0030-00			METER, T TOTAL: ELAPSED TIME, DC, CKT BD MT	18583	21985-000
A12Q15	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q25	152-0423-00			SEMICONV DEVICE: SILICON, 400V, 3A	04713	1N5000
A12Q28	152-0169-00			SEMICONV DEVICE: TUNNEL, 1MA, 10PF	03508	IN3712
A12Q29	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q35	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q36	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q38	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q45	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q55	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q65	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q66	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q68	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q73	151-0169-00	XB012307		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q73	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
	-----			(OPTION 31 ONLY)		
A12Q75	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q84	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q85	151-0423-00			TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q86	151-0169-00			TRANSISTOR: SILICON, NPN	04713	ST830
A12Q185	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q186	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q190	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A12Q261	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q264	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q265	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A12Q269	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q270	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A12Q275	151-0188-00			TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q276	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A12Q290	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A12Q335	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A12Q350	151-0190-00			TRANSISTOR: SILICON, NPN	07263	S032677
A12R8	307-0103-00			RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A12R9	307-0103-00			RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A12R14	315-0100-02			RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R15	315-0100-02			RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R18	315-0100-02			RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R23	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R26	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R27	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R30	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R37	315-0562-00			RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R38	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R40	304-0184-00			RES., FXD, CMPSN: 180K OHM, 10%, 1W	01121	GB1841
A12R43	305-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R46	305-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R50	305-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R53	305-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R56	323-0459-00			RES., FXD, FILM: 590K OHM, 1%, 0.50W	91637	MFF1226G59002F
A12R59	315-0472-00			RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R60	315-0100-02			RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R61	315-0102-00			RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12R62	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R63	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A12R64	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R70	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R72	301-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.50W	01121	EB2245
A12R73	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
	-----		(OPTION 31 ONLY)		
A12R73	315-0102-00	XB012307	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R74	323-0429-00		RES., FXD, FILM: 287K OHM, 1%, 0.5W	91637	MFF1226G28702F
A12R76	323-0429-00		RES., FXD, FILM: 287K OHM, 1%, 0.5W	91637	MFF1226G28702F
A12R78	301-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.50W	01121	EB2245
A12R86	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R88	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R89	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R90	305-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 2W	01121	HB8235
A12R93	323-0381-00		RES., FXD, FILM: 90.9K OHM, 1%, 0.50W	75042	CECT0-9092F
A12R95	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R109	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R110	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R112	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R114	315-0391-00		RES., FXD, CMPSN: 390 OHM, 5%, 0.25W	01121	CB3915
A12R125	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A12R126	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A12R127	315-0514-00		RES., FXD, CMPSN: 510K OHM, 5%, 0.25W	01121	CB5145
A12R129	315-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.25W	01121	CB2245
A12R132	321-0333-00		RES., FXD, FILM: 28.7K OHM, 1%, 0.125W	91637	MFF1816G28701F
A12R135	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R136	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R145	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W	91637	MFF1816G29401F
A12R146	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R147	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R154	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R156	321-0328-00		RES., FXD, FILM: 25.5K OHM, 1%, 0.125W	91637	MFF1816G25501F
A12R157	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R169	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W	91637	MFF1816G29401F
A12R174	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R175	321-0237-00		RES., FXD, FILM: 2.87K OHM, 1%, 0.125W	91637	MFF1816G28700F
A12R180	321-0304-00		RES., FXD, FILM: 14.3K OHM, 1%, 0.125W	91637	MFF1816G14301F
A12R181	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R183	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R185	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R186	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A12R187	321-0311-00		RES., FXD, FILM: 16.9K OHM, 1%, 0.125W	91637	MFF1816G16901F
A12R188	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A12R189	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R190	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A12R191	321-0316-00		RES., FXD, FILM: 19.1K OHM, 1%, 0.125W	91637	MFF1816G19101F
A12R192	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A12R193	321-0316-00		RES., FXD, FILM: 19.1K OHM, 1%, 0.125W	91637	MFF1816G19101F
A12R194	321-0316-00	B010100 B012306	RES., FXD, FILM: 19.1K OHM, 1%, 0.125W	91637	MFF1816G19101F
A12R194	321-0323-00	B012307	RES., FXD, FILM: 22.6K OHM, 1%, 0.125W	91637	MFF1816G22601F
A12R194	321-0323-00		RES., FXD, FILM: 22.6K OHM, 1%, 0.125W	91637	MFF1816G22601F
	-----		(OPTION 31 ONLY)		
A12R195	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R197	311-1240-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	73138	72-30-0
A12R198	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R208	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A12R209	315-0510-00		RES., FXD, CMPSN: 51 OHM, 5%, 0.25W	01121	CB5105
A12R210	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R211	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R212	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R213	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R214	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R220	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A12R224	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R225	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A12R226	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A12R238	315-0102-00	XB011089	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R245	315-0301-00		RES., FXD, CMPSN: 300 OHM, 5%, 0.25W	01121	CB3015
A12R247	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R254	316-0126-00		RES., FXD, CMPSN: 12M OHM, 10%, 0.25W	01121	CB1261
A12R255	316-0126-00		RES., FXD, CMPSN: 12M OHM, 10%, 0.25W	01121	CB1261
A12R256	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R258	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R260	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R261	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R264	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R265	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W	01121	CB1515
A12R267	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R270	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R271	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R272	321-0341-00		RES., FXD, FILM: 34.8K OHM, 1%, 0.125W	91637	MFF1816G34801F
A12R274	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R276	315-0511-00	B010100 B012306	RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R276	315-0621-00	B012307	RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A12R276	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
	-----		(OPTION 31 ONLY)		
A12R279	321-0345-00		RES., FXD, FILM: 38.3K OHM, 1%, 0.125W	91637	MFF1816G38301F
A12R280	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R281	321-0436-00		RES., FXD, FILM: 340K OHM, 1%, 0.125W	91637	MFF1816G34002F
A12R287	321-0390-00		RES., FXD, FILM: 113K OHM, 1%, 0.125W	91637	MFF1816G11302F
A12R288	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A12R290	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A12R291	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A12R292	321-0301-00		RES., FXD, FILM: 13.3K OHM, 1%, 0.125W	91637	MFF1816G13301F
A12R295	311-1935-00		RES., VAR, NONWIR: TRMR, 50K OHM, 10%, 0.50W	32997	3299X-R27-503
A12R335	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R336	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R337	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R345	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R390	308-0777-00	B010100 B012305	RES., FXD, WW: 1 OHM, 5%, 5W	91637	RS5K1R000J
A12R390	308-0165-00	B012307	RES., FXD, WW: 0.5 OHM, 5%, 5W	63743	17951
A12RT389	307-0350-00		RES., THERMAL: 7.5 OHM, 10%, 3.9%/DEG C	15454	75DJ7R5R0220SS
A12RT390	307-0350-00		RES., THERMAL: 7.5 OHM, 10%, 3.9%/DEG C	15454	75DJ7R5R0220SS
A12TP91	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP91	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP92	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP92	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP93	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP93	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP94	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12TP94	214-0579-02 -----		TERM, TEST POINT: BRASS (OPTION 31 ONLY)	80009	214-0579-02
A12TP95	214-0579-02 -----		TERM, TEST POINT: BRASS (OPTION 31 ONLY)	80009	214-0579-02
A12U110	156-0371-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND ST	80009	156-0371-00
A12U115	156-0617-00	B010100 B012306	MICROCIRCUIT, DI: DUAL 4 BIT BIN COUNTER	01295	SN74393N
A12U115	156-0617-02	B012307	MICROCIRCUIT, DI: DUAL 4 BIT CNTR, SCRN	01295	SN74393NP3
A12U115	156-0617-02 -----		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, SCRN (OPTION 31 ONLY)	01295	SN74393NP3
A12U125	156-0402-00	B010100 B012306	MICROCIRCUIT, LI: TIMER	27014	LM555CN
A12U125	156-0462-02	B012307	MICROCIRCUIT, DI: HEX INVERTER, SCREENED	01295	SN7414
A12U125	156-0402-02 -----		MICROCIRCUIT, LI: TIMER, CHK (OPTION 31 ONLY)	27014	LM555CN/A+
A12U136	156-0733-00	B010100 B012306	MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A12U136	156-0733-02	B012307	MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U136	156-0733-02 -----		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN (OPTION 31 ONLY)	04713	SN74LS221N/J
A12U147	156-0093-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0093-00
A12U154	156-0093-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0093-00
A12U164	156-0733-00	B010100 B012306	MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A12U164	156-0733-02	B012307	MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U164	156-0733-02 -----		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN (OPTION 31 ONLY)	04713	SN74LS221N/J
A12U175	156-0733-00	B010100 B012306	MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A12U175	156-0733-02	B012307	MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U175	156-0733-02 -----		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN (OPTION 31 ONLY)	04713	SN74LS221N/J
A12U215	156-0462-00	B010100 B012306	MICROCIRCUIT, DI: HEX SCHMITT TRIG, TTL	80009	156-0462-00
A12U215	156-0462-02	B012307	MICROCIRCUIT, DI: HEX INVERTER, SCREENED	01295	SN7414
A12U215	156-0462-02 -----		MICROCIRCUIT, DI: HEX INVERTER, SCREENED (OPTION 31 ONLY)	01295	SN7414
A12U225	156-0402-00	B010100 B012306	MICROCIRCUIT, LI: TIMER	27014	LM555CN
A12U225	156-0402-02	B012307	MICROCIRCUIT, LI: TIMER, CHK	27014	LM555CN/A+
A12U225	156-0402-02 -----		MICROCIRCUIT, LI: TIMER, CHK (OPTION 31 ONLY)	27014	LM555CN/A+
A12U235	156-0030-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)
A12U245	156-0371-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND ST	80009	156-0371-00
A12VR277	152-0279-00		SEMICOND DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZG35010RL
A12VR287	152-0279-00		SEMICOND DEVICE: ZENER, 0.4W, 5.1V, 5%	04713	SZG35010RL

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A13 HIGH VOLTAGE & Z-AXIS						
A13	672-0807-00	B010100	B011399	CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-00
A13	672-0807-01	B011400		CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-01
A13	672-1026-01			CKT BOARD ASSY:Z-AXIS HIGH VOLTAGE (OPTION 31 ONLY)	80009	672-1026-01
A13C13	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C16	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C19	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C25	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A13C35	290-0846-00			CAP., FXD, ELCTLT: 47UF, -10+75%, 35 WVDC (OPTION 31 ONLY)	54473	ECE-A35V47LU
A13C36	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V (OPTION 31 ONLY)	56289	33C29A7
A13C44	285-0604-00			CAP., FXD, PLSTC: 0.01UF, 20%, 400V (STANDARD ONLY)	01002	64F22DB103
A13C45	285-0604-00			CAP., FXD, PLSTC: 0.01UF, 20%, 400V (STANDARD ONLY)	01002	64F22DB103
A13C55	290-0312-00			CAP., FXD, ELCTLT: 47UF, 10%, 35V (STANDARD ONLY)	56289	150D476X9035S2
A13C67	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C68	285-1137-00			CAP., FXD, PLSTC: 0.0047UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P472980
A13C75	285-1137-00			CAP., FXD, PLSTC: 0.0047UF, 10%, 8000V (STANDARD ONLY)	56289	430P472980
A13C97	283-0071-00	B010100	B011399	CAP., FXD, CER DI: 0.0068UF, +80-30%, 5000V (STANDARD ONLY)	59660	3905SF602Y5S68Z2
A13C97	285-0507-01	B011400		CAP., FXD, PPR DI: 0.0047UF, 20%, 6000V (STANDARD ONLY)	56289	430P472060
A13C111	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	5C2D225
A13C112	290-0745-00			CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13C122	281-0763-00			CAP., FXD, CER DI: 47PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC1G470K
A13C126	281-0763-00			CAP., FXD, CER DI: 47PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADC1G470K
A13C127	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V (OPTION 31 ONLY)	56289	33C29A7
A13C128	283-0001-00			CAP., FXD, CER DI: 0.005UF, +100-0%, 500V (OPTION 31 ONLY)	72982	831-559E502P
A13C136	283-0345-00			CAP., FXD, CER DI: 1000PF, 10%, 10,000V (OPTION 31 ONLY)	72982	3910BW324X5R10Z2
A13C137	281-0755-00			CAP., FXD, CER DI: 1.8PF, 0.1%, 500V (STANDARD ONLY)	72982	314021C0K0189B
A13C138	283-0008-00			CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C139	283-0008-00			CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C141	283-0008-00			CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C146	283-0001-00			CAP., FXD, CER DI: 0.005UF, +100-0%, 500V (STANDARD ONLY)	72982	831-559E502P

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13C167	283-0036-00 -----		CAP., FXD, CER DI: 2500PF, +100-0%, 6000V (OPTION 31 ONLY)	59660	3906BW402E252P
A13C175	285-1136-00 -----		CAP., FXD, PLSTC: 0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C176	285-1137-00 -----		CAP., FXD, PLSTC: 0.0047UF, 10%, 8000V (STANDARD ONLY)	56289	430P472980
A13C177	285-1136-00 -----		CAP., FXD, PLSTC: 0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C178	285-1136-00 -----		CAP., FXD, PLSTC: 0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C181	283-0363-00 -----		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (STANDARD ONLY)	72982	838-000C0K229C
A13C182	283-0363-00 -----		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (STANDARD ONLY)	72982	838-000C0K229C
A13C205	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C215	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C239	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C242	283-0008-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C245	285-1119-00 -----		CAP., FXD, PLSTC: 0.082UF, 10%, 200V (STANDARD ONLY)	19396	PP680C823K
A13C246	281-0619-00 -----	B010100 B011399	CAP., FXD, CER DI: 1.2PF, +/-0.1PF, 200V (STANDARD ONLY)	59660	374 018 COK0129B
A13C246	283-0317-00 -----	B011400	CAP., FXD, CER DI: 1PF, +/-0.1PF, 500V (STANDARD ONLY)	72982	861-518-COK0109B
A13C261	283-0363-00 -----		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (OPTION 31 ONLY)	72982	838-000C0K229C
A13C262	283-0342-00 -----		CAP., FXD, CER DI: 6.5PF, 0.5%, 2000V (OPTION 31 ONLY)	91418	HV6R5D2024R0
A13C305	290-0745-00 -----		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13C313	281-0763-00 -----		CAP., FXD, CER DI: 47PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC1G470K
A13C335	281-0524-00 -----		CAP., FXD, CER DI: 150PF, +/-30PF, 500V (STANDARD ONLY)	04222	7001-1381
A13C362	285-1137-00 -----		CAP., FXD, PLSTC: 0.0047UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P472980
A13C371	281-0812-00 -----		CAP., FXD, CER DI: 1000PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADX7R102K
A13C372	285-1136-00 -----		CAP., FXD, PLSTC: 0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C373	285-1136-00 -----		CAP., FXD, PLSTC: 0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C419	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C427	283-0211-00 -----		CAP., FXD, CER DI: 0.1UF, 10%, 200V (OPTION 31 ONLY)	72982	8141N210X7R0104K
A13C428	285-0572-00 -----		CAP., FXD, PLSTC: 0.1UF, 20%, 200V (STANDARD ONLY)	56289	410P10402
A13C436	283-0008-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C439	281-0773-00 -----		CAP., FXD, CER DI: 0.01UF, 10%, 100V (STANDARD ONLY)	04222	GC70-1C103K
A13C455	281-0771-00 -----		CAP., FXD, CER DI: 0.0022UF, 20%, 200V (STANDARD ONLY)	56289	292C Z5U222M200B

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13C455	283-0300-00 -----		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C456	283-0300-00 -----		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C457	290-0745-00 -----		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C459	290-0745-00 -----		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C466	281-0797-00 -----		CAP., FXD, CER DI: 15PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADC0G150K
A13C469	281-0788-00 -----		CAP., FXD, CER DI: 470PF, 10%, 100V (STANDARD ONLY)	72982	8005H9AADW5R471K
A13C472	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C472	283-0300-00 -----		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C473	290-0247-00 -----		CAP., FXD, ELCTLT: 5.6UF, 10%, 6V (STANDARD ONLY)	56289	162D565X9006CD2
A13C474	283-0001-00 -----	B010100 B011399	CAP., FXD, CER DI: 0.0C5UF, +100-0%, 500V (STANDARD ONLY)	72982	831-559E502P
A13C474	283-0280-00 -----	B011400	CAP., FXD, CER DI: 2200PF, 10%, 2000V (STANDARD ONLY)	59660	0818590Y5500222K
A13C475	285-1138-00 -----		CAP., FXD, PLSTC: 0.01UF, 10%, 8000V (STANDARD ONLY)	56289	430P558
A13C513	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C523	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C534	283-0211-00 -----		CAP., FXD, CER DI: 0.1UF, 10%, 200V (OPTION 31 ONLY)	72982	8141N210X7R0104K
A13C541	281-0812-00 -----		CAP., FXD, CER DI: 1000PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADX7R102K
A13C565	283-0300-00 -----		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C630	281-0797-00 -----		CAP., FXD, CER DI: 15PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC0G150K
A13C641	290-0247-00 -----		CAP., FXD, ELCTLT: 5.6UF, 10%, 6V (OPTION 31 ONLY)	56289	162D565X9006CD2
A13C645	281-0797-00 -----		CAP., FXD, CER DI: 15PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC0G150K
A13C651	281-0775-00 -----		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C654	281-0788-00 -----		CAP., FXD, CER DI: 470PF, 10%, 100V (OPTION 31 ONLY)	72982	8005H9AADW5R471K
A13C665	285-1138-00 -----		CAP., FXD, PLSTC: 0.01UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P558
A13C666	283-0300-00 -----		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C671	283-0280-00 -----		CAP., FXD, CER DI: 2200PF, 10%, 2000V (OPTION 31 ONLY)	59660	0818590Y5500222K
A13C737	290-0267-00 -----		CAP., FXD, ELCTLT: 1UF, 20%, 35V (OPTION 31 ONLY)	56289	162D105X0035CD2
A13C738	290-0267-00 -----		CAP., FXD, ELCTLT: 1UF, 20%, 35V (OPTION 31 ONLY)	56289	162D105X0035CD2
A13C739	290-0745-00 -----		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff      Dscont	Name & Description	Mfr Code	Mfr Part Number
A13CR43	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR91	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (STANDARD ONLY)	52306	CX345
A13CR95	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (STANDARD ONLY)	52306	CX345
A13CR128	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR131	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR132	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR137	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR148	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR164	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR165	152-0061-00 -----		SEMICON D DEVICE: SILICON, 175V, 100MA (STANDARD ONLY)	07263	FDH2161
A13CR166	152-0061-00 -----		SEMICON D DEVICE: SILICON, 175V, 100MA (STANDARD ONLY)	07263	FDH2161
A13CR168	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR169	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR171	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (OPTION 31 ONLY)	52306	CX345
A13CR172	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (OPTION 31 ONLY)	52306	CX345
A13CR199	152-0242-00 -----		SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR216	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR237	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR238	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR239	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR240	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR270	152-0242-00 -----	B010100 B011399	SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR270	152-0751-00 -----	B011400	SEMICON D DEVICE: RECT, SI, SWITCHING, 265V, DO-7 (STANDARD ONLY)	14552	TD13419
A13CR273	152-0242-00 -----	B010100 B011399	SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR273	152-0751-00 -----	B011400	SEMICON D DEVICE: RECT, SI, SWITCHING, 265V, DO-7 (STANDARD ONLY)	14552	TD13419
A13CR290	152-0242-00 -----		SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR315	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR324	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR325	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13CR326	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR328	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR329	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR334	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR339	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR344	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR345	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR356	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR415	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR426	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR427	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR435	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR448	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR449	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR457	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR463	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR478	152-0242-00 -----		SEMICONV DEVICE: SILICON, 225V, 200MA (OPTION 31 ONLY)	07263	FDH5004
A14CR525	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR535	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR542	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR543	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR545	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR566	152-0107-03 -----		SEMICONV DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR578	152-0242-00 -----		SEMICONV DEVICE: SILICON, 225V, 200MA (OPTION 31 ONLY)	07263	FDH5004
A13CR621	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR622	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR623	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR624	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13CR653	152-0322-00 -----		SEMICONV DEVICE: SILICON, 15V, HOT CARRIER (OPTION 31 ONLY)	50434	5082-2672
A13CR723	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR724	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR739	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR745	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR746	152-0141-02 -----		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13DS393	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13DS494	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13DS495	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13E278	119-0181-00 -----		ARSR, ELEC SURGE: 230V, GAS FILLED (OPTION 31 ONLY)	74276	CG230L
A13E341	119-0759-00 -----		ARSR, ELEC SURGE: 145V, GAS FILLED (OPTION 31 ONLY)	71482	CG145L
A13E551	119-0285-00 -----		ARSR, ELEC SURGE: 470VDC, +/-15% (OPTION 31 ONLY)	74276	CG470L
A13F15	159-0064-00 -----		FUSE, CARTRIDGE: 1A, 250V, 10 SEC (OPTION 31 ONLY)	75915	212001
A13F21	159-0022-00 -----		FUSE, CARTRIDGE: 3AG, 1A, 250V, FAST-BLOW (STANDARD ONLY)	71400	AGC 1
A13J311	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J411	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 4, OPTION 31 ONLY)	22526	47357
A13J511	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J512	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J611	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J739	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13L25	108-0422-00 -----		COIL, RF: FIXED, 82UH (OPTION 31 ONLY)	80009	108-0422-00
A13L41	108-0422-00 -----		COIL, RF: FIXED, 82UH (STANDARD ONLY)	80009	108-0422-00
A13Q15	151-0188-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6868K
A13Q35	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q53	151-0469-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	04713	SJE1101
A13Q115	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q116	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801
A13Q118	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801
A13Q119	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13Q130	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q132	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q141	151-0444-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	80009	151-0444-00
A13Q145	151-0443-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	80009	151-0443-00
A13Q221	151-0750-00 -----		TRANSISTOR: NPN, SI, MPS-A44 (OPTION 31 ONLY)	04713	SPS8405
A13Q222	151-0749-00 -----		TRANSISTOR: PNP, SI, MPS-A92 (OPTION 31 ONLY)	04713	OBD
A13Q237	151-0216-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS8803
A13Q266	151-0347-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	56289	2N5551
A13Q269	151-0350-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6700
A13Q426	151-0219-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	07263	S022650
A13Q435	151-0169-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	04713	ST830
A13Q445	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q446	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q465	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q631	151-0347-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	56289	2N5551
A13Q632	151-0350-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6700
A13Q633	151-0350-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6700
A13Q654	151-0347-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	56289	2N5551
A13Q639	151-0223-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	04713	SPS8026
A13R5	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R7	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1005
A13R3	321-0368-00 -----		RES., FXD, FILM: 66.5K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G66501F
A13R9	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R16	321-0363-00 -----		RES., FXD, FILM: 59K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G59001F
A13R25	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R26	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R34	311-1556-00 -----		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-78-0
A13R35	301-0240-00 -----		RES., FXD, CMPSN: 24 OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB2405

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R36	315-0103-03 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R37	315-0204-00 -----		RES., FXD, CMPSN: 200K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2045
A13R38	315-0105-00 -----		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1055
A13R39	315-0103-03 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R42	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R44	301-0240-00 -----		RES., FXD, CMPSN: 24 OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB2405
A13R47	315-0623-00 -----		RES., FXD, CMPSN: 62K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB6235
A13R61	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1005
A13R70	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R73	315-0271-03 -----		RES., FXD CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R105	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB33G5
A13R107	315-0100-02 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R110	315-0121-00 -----		RES., FXD, CMPSN: 120 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1215
A13R115	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R115	315-0362-00 -----		RES., FXD, CMPSN: 3.6K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3625
A13R116	315-0750-00 -----		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB7505
A13R117	315-0151-00 -----		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R117	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R118	315-0820-00 -----		RES., FXD, CMPSN: 82 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8205
A13R120	315-0151-00 -----		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R123	315-0222-00 -----		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2225
A13R124	315-0271-00 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2715
A13R126	321-0231-00 -----		RES., FXD, FILM: 2.49K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G24900F
A13R126	323-0452-00 -----		RES., FXD, FILM: 499K OHM, 1%, 0.50W (OPTION 31 ONLY)	75042	CECT0-4993F
A13R127	321-0301-00 -----		RES., FXD, FILM: 13.3K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G13301F
A13R128	311-1556-00 -----		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-78-0
A13R129	315-0103-00 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1035
A13R130	321-0333-00 -----		RES., FXD, FILM: 28.7K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G28701F
A13R133	315-0911-00	B010100 B011399	RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R133	301-0911-00 -----	B011400	RES., FXD, CMPSN: 910 OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB9115
A13R134	315-0182-00 -----		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1825
A13R135	315-0471-00 -----		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4715
A13R136	321-0408-00 -----		RES., FXD, FILM: 174K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G17402F
A13R137	315-0102-00 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R147	315-0271-03 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R167	301-0203-00 -----		RES., FXD, CMPSN: 20K OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB2035
A13R169	301-0105-00 -----		RES., FXD, CMPSN: 1M OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB1055
A13R170	301-0514-00 -----		RES., FXD, CMPSN: 510K OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB5145
A13R173	302-0473-01 -----		RES., FXD, CMPSN: 47K OHM, 10%, 0.5W (OPTION 31 ONLY)		
A13R174	302-0472-01 -----		RES., FXD, CMPSN: (OPTION 31 ONLY)		
A13R175	315-0271-03 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R176	315-0103-00 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R177	315-0271-03 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R178	315-0102-03 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R196	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R198	315-0303-03 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R205	301-0302-00 -----		RES., FXD, CMPSN: 3K OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB3025
A13R215	321-0322-00 -----		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G22101F
A13R215	311-1198-00 -----		RES., VAR, NONWIR: 20K OHM, 20%, 0.5W (OPTION 31 ONLY)	73138	72-29-0
A13R216	321-0251-00 -----		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R216	315-0102-00 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R217	315-0221-00 -----		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2215
A13R217	315-0273-00 -----		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2735
A13R218	311-1246-00 -----		RES., VAR, NONWIR: 50K OHM, 10%, 0.50W (OPTION 31 ONLY)	02111	63X-503-T602
A13R219	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R220	321-0332-00 -----		RES., FXD, FILM: 28K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G28001F
A13R221	321-0303-00 -----		RES., FXD, FILM: 14K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G14001F
A13R224	315-0624-00 -----		RES., FXD, CMPSN: 620K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB5245

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R225	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G26701F
A13R225	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3335
A13R226	311-1934-00		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (STANDARD ONLY)	01121	15M906
A13R226	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3025
A13R227	311-1934-00		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (STANDARD ONLY)	01121	15M906
A13R227	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1825
A13R228	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1815
A13R235	323-0452-00		RES., FXD, FILM: 499K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-4993F
A13R236	321-0431-00		RES., FXD, FILM: 301K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G30102F
A13R246	323-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226D20001F
A13R263	301-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB1055
A13R264	301-0514-00		RES., FXD, CMPSN: 510K OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB5145
A13R270	315-0303-03		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R271	315-0226-00		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2265
A13R272	315-0303-03		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R288	311-1933-00		RES., VAR, NONWIR: PNL, 5M OHM, 10%, 0.50W (STANDARD ONLY)	01121	17M095
A13R291	315-0303-03		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R292	315-0226-00		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2265
A13R306	307-0104-00		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB33G5
A13R307	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1515
A13R308	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2215
A13R312	321-0231-00		RES., FXD, FILM: 2.49K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G24900F
A13R325	315-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8235
A13R328	322-0621-00		RES., FXD, FILM: 900K OHM, 1%, 0.25W (OPTION 31 ONLY)	75042	CEBT0-9003F
A13R329	322-0452-00		RES., FXD, FILM: 499K OHM, 1%, 0.25W (OPTION 31 ONLY)	91637	MFF1421G49902F
A13R331	321-0450-00		RES., FXD, FILM: 475K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G47502F
A13R332	303-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 1W (OPTION 31 ONLY)	01121	GB3035
A13R333	303-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 1W (OPTION 31 ONLY)	01121	GB3035

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R334	315-0184-00		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1845
A13R334	323-0393-00		RES., FXD, FILM: 121K OHM, 1%, 0.50W (OPTION 31 ONLY)	91637	MFF1226G12102F
A13R336	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R336	301-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB1005
A13R337	315-0162-00		RES., FXD, CMPSN: 1.6K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1625
A13R337	301-0271-01		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R342	301-0271-01		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R344	323-0408-00		RES., FXD, FILM: 174K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226G17402F
A13R345	323-0408-00		RES., FXD, FILM: 174K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226G17402F
A13R346	315-0102-03		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R347	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R355	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1825
A13R358	304-0271-01		RES., FXD, CMPSN: 270 OHM, 10%, 1W (OPTION 31 ONLY)		
A13R365	323-0338-00		RES., FXD, FILM: 32.4K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-3242F
A13R366	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2735
A13R367	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1225
A13R368	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1815
A13R369	321-0272-00		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G66500F
A13R375	315-0102-03		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R378	315-0226-00		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2265
A13R405	315-0751-00		RES., FXD, CMPSN: 750 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB7515
A13R406	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1225
A13R407	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1515
A13R408	315-0241-00		RES., FXD, CMPSN: 240 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2415
A13R409	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1815
A13R415	311-1562-00		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-84-0
A13R415	311-1934-00		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	01121	15M906
A13R416	321-0272-00		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G66500F
A13R417	321-0322-00		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G22101F

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R418	315-0472-03		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R425	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R425	311-1934-00		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	01121	15M906
A13R426	321-0243-00		RES., FXD, FILM: 3.32K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G33200F
A13R427	311-1562-00		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-84-0
A13R428	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R429	311-1555-00		RES., VAR, NONWIR: 100K OHM, 20%, 0.5W (STANDARD ONLY)	73138	91-77-0
A13R436	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G10001F
A13R437	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R446	303-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 1W (STANDARD ONLY)	01121	GB8235
A13R447	323-0333-00		RES., FXD, FILM: 28.7K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-2872F
A13R448	323-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-6192F
A13R449	323-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-6192F
A13R449	301-0271-01		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R451	302-0102-03		RES., FXD, CMPSN: 1K OHM, 10%, 0.5W (OPTION 31 ONLY)	01121	EB1021
A13R456	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R457	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R461	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1035
A13R462	315-0226-00		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2265
A13R466	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1525
A13R467	315-0204-00		RES., FXD, CMPSN: 200K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2045
A13R468	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3335
A13R471	311-1933-00		RES., VAR, NONWIR: PNL, 5M OHM, 10%, 0.50W (OPTION 31 ONLY)	01121	17M095
A13R472	315-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8235
A13R472	301-0103-02		: 10K OHM, 5%, 0.50W (OPTION 31 ONLY)		0BD
A13R474	315-0102-03		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R475	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R476	307-0550-01		RES NTWK, FXD FI: HV DIVIDER (STANDARD ONLY)	80009	307-0550-01

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R477	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3035
A13R501	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2715
A13R502	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R503	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R504	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R511	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R512	321-0322-00		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G22101F
A13R521	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R522	321-0322-00		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G22101F
A13R524	315-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB8235
A13R527	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A13R528	321-0408-00		RES., FXD, FILM: 174K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G17402F
A13R529	321-0340-00		RES., FXD, FILM: 34K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G34001F
A13R530	315-0360-00		RES., FXD, CMPSN: 36 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3605
A13R531	315-0680-00		RES., FXD, CMPSN: 68 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB6805
A13R534	321-0177-00		RES., FXD, FILM: 681 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G681R0F
A13R544	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1525
A13R558	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R561	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1035
A13R605	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R606	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R625	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R626	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G10001F
A13R627	315-0162-00		RES., FXD, CMPSN: 1.6K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1625
A13R628	315-0184-00		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1845
A13R630	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2215
A13R635	301-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB3335
A13R636	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A13R637	323-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.50W (OPTION 31 ONLY)	91637	MFF1226020001F

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R646	315-0101-00 -----		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A13R647	315-0101-00 -----		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A13R648	315-0271-00 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2715
A13R652	315-0823-00 -----		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB8235
A13R653	315-0333-00 -----		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3335
A13R657	301-0271-01 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R659	315-0102-00 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R678	315-0303-00 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3035
A13R715	311-1562-00 -----		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	73138	91-84-0
A13R716	311-1562-00 -----		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	73138	91-84-0
A13R721	321-0243-00 -----		RES., FXD, FILM: 3.32K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G33200F
A13R722	321-0272-00 -----		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G66500F
A13R738	311-1555-00 -----		RES., VAR, NONWIR: 100K OHM, 20%, 0.5W (OPTION 31 ONLY)	73138	91-77-0
A13R739	315-0225-00 -----		RES., FXD, CMPSN: 2.2M OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2255
A13R748	315-0204-00 -----		RES., FXD, CMPSN: 200K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2045
A13R749	315-0101-00 -----		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A13R759	307-0550-01 -----		RES NTWK, FXD FI: HV DIVIDER (OPTION 31 ONLY)	80009	307-0550-01
A13RV649	307-0638-00 -----		RES, V SENSITIVE: 18V, 20%, 0.5W (OPTION 31 ONLY)	03508	MOV-V18ZA1
A13T51	120-1413-00 -----		XFMR, PWR, SDN&SU: HV (OPTION 31 ONLY)	80009	120-1413-00
A13T75	120-1140-00 -----		XFMR, PWR, SDN&SU: HIGH VOLTAGE (STANDARD ONLY)	80009	120-1140-00
A13TP778	214-0579-00 -----		TERM, TEST POINT: BRS CD PL (OPTION 31 ONLY)	80009	214-0579-00
A13U25	156-0047-00 -----		MICROCIRCUIT, DI: TPL 3-INPUT POS NAND GATE (STANDARD ONLY)	80009	156-0047-00
A13U115	156-0058-00 -----		MICROCIRCUIT, DI: HEX. INVERTER (STANDARD ONLY)	80009	156-0058-00
A13U125	156-0072-00 -----		MICROCIRCUIT, DI: MONOSTABLE MV, TTL, 14 DIP (STANDARD ONLY)	01295	SN74121(N OR J)
A13U315	156-0072-02 -----		MICROCIRCUIT, DI: MONOSTABLE MV, BURN-IN (OPTION 31 ONLY)	01295	SN74121
A13U475	156-0067-00 -----		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER (STANDARD ONLY)	02735	85145
A13U605	156-0382-02 -----		MICROCIRCUIT, DI: QUAD 2-INP NAND GATE (OPTION 31 ONLY)	01295	SN74LS00
A13U615	156-0381-02 -----		MICROCIRCUIT, DI: QUAD 2-INP EXCL OR GATE (OPTION 31 ONLY)	01295	SN74LS86

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13J616	156-0047-02 -----		MICROCIRCUIT,DI:TP1 3 INP,NAND GATE (OPTION 31 ONLY)	27014	DM7410NA+ OR JA+
A13U645	156-0067-13		MICROCIRCUIT,LI:OPNL AMPL,SELECTED	01295	UA741CJG4
A13U645	156-0067-13 -----		MICROCIRCUIT,LI:OPNL AMPL,SELECTED (OPTION 31 ONLY)	01295	UA741CJG4
A13VR235	152-0282-00 -----		SEMICONV DEVICE:ZENER,0.4W,30V,5% (OPTION 31 ONLY)	04713	1N972B

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14 HARD COPY AMPLIFIER					
A14	670-3097-01		GKT BOARD ASSY:HARD COPY AMPL	80009	670-3097-01
A14C1	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C6	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C12	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C13	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C17	283-0000-00		CAP.,FXD,CER DI:0.001UF,+100-0%,500V	59660	831-519-Z5U-102P
A14C31	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C34	281-0512-00		CAP.,FXD,CER DI:27PF,+/-2.7PF,500V	59660	308-000C0G0270K
A14C35	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C105	281-0523-00		CAP.,FXD,CER DI:100PF,+/-20PF,500V	72982	301-000U2M0101M
A14C122	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C123	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C124	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C131	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C141	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C142	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C145	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C157	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C158	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14J130	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 2)	22526	48283-029
A14J131	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 5)	22526	48283-029
A14J132	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 7)	22526	48283-029
A14J133	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 10)	22526	48283-029
A14J134	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 10)	22526	48283-029
A14L44	108-0146-00		COIL,RF:5UH	80009	108-0146-00
A14L140	108-0214-00		COIL,RF:400UH	80009	108-0214-00
A14L144	108-0214-00		COIL,RF:400UH	80009	108-0214-00
A14Q115	151-0223-00		TRANSISTOR:SILICON,NPN	04713	SPS8026
A14Q134	151-0134-00		TRANSISTOR:SILICON,PNP	80009	151-0134-00
A14R2	315-0100-02		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A14R5	315-0100-02		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A14R7	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R11	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R14	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R15	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A14R16	315-0432-00		RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
A14R26	311-1228-00		RES.,VAR,NONWIR:10K OHM,20%,0.50W	32997	3386F-T04-103
A14R32	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R33	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R36	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R37	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R45	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A14R54	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R106	315-0562-00		RES.,FXD,CMPSN:5.6K OHM,5%,0.25W	01121	CB5625
A14R112	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A14R113	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A14R114	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R121	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A14R125	307-0103-00		RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
A14R126	307-0103-00		RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14R132	321-0214-00		RES., FXD, FILM: 1.65K OHM, 1%, 0.125W	91637	MFF1816G16500F
A14R135	301-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.50W	01121	EB1515
A14R136	321-0231-00		RES., FXD, FILM: 2.49K OHM, 1%, 0.125W	91637	MFF1816G24900F
A14R145	301-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.50W	01121	EB1515
A14R146	301-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.50W	01121	EB1005
A14T53	120-0827-00		XFMR, TOROID: THREE 12 TURN WINDINGS	80009	120-0827-00
A14TP1	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A14TP12	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A14TP13	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A14TP116	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A14U3	156-0096-00		MICROCIRCUIT, LI: VOLTAGE COMPARATOR	27014	LM311H
A14U21	156-0162-00		MICROCIRCUIT, LI: DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A14U43	156-0162-00		MICROCIRCUIT, LI: DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A14U101	156-0072-00		MICROCIRCUIT, DI: MONOSTABLE MV, TTL, 14 DIP	01295	SN74121(N OR J)

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff      Dscont	Name & Description	Mfr Code	Mfr Part Number
A15 KEYBOARD					
A15	119-1050-00		KEYBOARD, CALC:	01963	B80-13AC
A15C1	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A15C2	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A15R1	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R2	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R3	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R4	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R5	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R6	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R7	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R8	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R9	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R10	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R11	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15R12	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A15U1	156-0929-00		MICROCIRCUIT, DI: 4-L TO 16-L DCRR/DEMUX	80009	156-0929-00
A15U2	156-0075-00		MICROCIRCUIT, DI: SGL 8-BIT DATA SEL MUX	80009	156-0075-00
A15U3	156-0032-00		MICROCIRCUIT, DI: 4-BIT BINARY COUNTER	80009	156-0032-00
A15U4	156-0032-00		MICROCIRCUIT, DI: 4-BIT BINARY COUNTER	80009	156-0032-00
A15U5	156-0039-00		MICROCIRCUIT, DI: DUAL J-K FLIP FLOP	80009	156-0039-00
A15U6	156-0030-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A16 DRIVE, MAG TAPE						
A16	119-0708-03	B010100	B010464	DRIVE, MAG TAPE:	80009	119-0708-03
A16	119-0708-04	B010465	B011949	DRIVE, MAG TAPE:	80009	119-0708-04
A16	119-0708-05	B011950		DRIVE, MAG TAPE:	80009	119-0708-05
A16A1	670-4003-02	B010100	B010315	CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-02
A16A1	670-4003-03	B010316	B011949	CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-03
A16A1	670-4003-04	B011950		CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-04
A16A2	672-0545-02			CKT BOARD ASSY: STATUS	80009	672-0545-02
A16B1090	147-0045-01			MOTOR, DC: 6V, 17,000 RPM	80009	147-0045-01
A16B1092	147-0046-01			MOTOR, DC: TAPE DRIVE, 12V	80009	147-0046-01
A16C1091	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A16C1092	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A16LS60	119-0305-00			LOUDSPEAKER, PM: PERMANENT MAGNET, 45 OHM, 2W	07109	35A45C
A16PU1001	119-0421-00			HEAD, SR:	11983	G717888-DC21P078
A16A1	670-4003-02	B010100	B010315	CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-02
A16A1	670-4003-03	B010316	B011949	CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-03
A16A1	670-4003-04	B011950		CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-04
A16A1C21	283-0081-00			CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX10422504R0
A16A1C22	283-0081-00			CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX10422504R0
A16A1C101	281-0525-00			CAP., FXD, CER DI: 470PF, +/-94PF, 500V	04222	7001-1364
A16A1C127	281-0788-00	XB011950		CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A16A1C129	283-0534-00			CAP., FXD, MICA D: 82PF, 5%, 500V	04222	CM20D820J
A16A1C131	283-0010-00			CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C138	281-0504-00			CAP., FXD, CER DI: 10PF, +/-1PF, 500V	59660	301-055C0G0100F
A16A1C211	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C216	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C218	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C221	281-0523-00			CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C222	283-0010-00			CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C223	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C231	283-0081-00			CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX10422504R0
A16A1C232	283-0081-00			CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX10422504R0
A16A1C238	281-0523-00			CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C310	281-0770-00	XB011950		CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A16A1C312	281-0605-00	B010100	B011949	CAP., FXD, CER DI: 200PF, 10%, 500V	04222	7001-1375
A16A1C312	281-0810-00	B011950		CAP., FXD, CER DI: 5.6PF, 0.5%, 100V	04222	GC10-1A5R6D
A16A1C313	281-0605-00			CAP., FXD, CER DI: 200PF, 10%, 500V	04222	7001-1375
A16A1C323	281-0810-00	XB011950		CAP., FXD, CER DI: 5.6PF, 0.5%, 100V	04222	GC10-1A5R6D
A16A1C371	283-0010-00			CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C391	281-0523-00			CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C392	281-0523-00			CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C393	283-0065-00			CAP., FXD, CER DI: 0.001UF, 5%, 100V	72982	805-518-Z5D0102J
A16A1C394	283-0065-00			CAP., FXD, CER DI: 0.001UF, 5%, 100V	72982	805-518-Z5D0102J
A16A1C410	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C417	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C424	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C480	283-0083-00			CAP., FXD, CER DI: 0.0047UF, 20%, 500V	72982	811-565C471J
A16A1C481	283-0010-00			CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C482	285-1067-00			CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C495	283-0010-00			CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C510	281-0809-00	XB011950		CAP., FXD, CER DI: 200PF, 5%, 100V	72982	8013T2ADDC1G201J
A16A1C518	281-0809-00	XB011950		CAP., FXD, CER DI: 200PF, 5%, 100V	72982	8013T2ADDC1G201J
A16A1C521	290-0297-00			CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C524	283-0421-00	XB011950		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A16A1C531	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C541	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C581	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C590	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C591	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C592	283-0111-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A16A1C593	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C595	283-0177-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A16A1C596	283-0003-00		CAP., FXD, CER DI: 0.01UF, +80-20%, 150V	91418	SP103Z151-4R9
A16A1C612	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C615	281-0765-00	XB011950	CAP., FXD, CER DI: 100PF, 5%, 100V	51642	G1710-100COG101J
A16A1C618	281-0765-00	XB011950	CAP., FXD, CER DI: 100PF, 5%, 100V	51642	G1710-100COG101J
A16A1C638	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C649	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C654	290-0297-00	XB011950	CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C656	290-0297-00	XB011950	CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C660	281-0770-00	XB011950	CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9ADX5R102M
A16A1C661	281-0770-00	XB011950	CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9ADX5R102M
A16A1C717	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C742	285-1051-00	XB011950	CAP., FXD, PLSTC: 1UF, 1%, 200V	14752	230B1C105F
A16A1C748	283-0775-00	XB011950	CAP., FXD, MICA D: 1764 PF, 1%, 500V	00853	D19-5F17640F0
A16A1C762	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C847	285-1067-00	XB011950	CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C862	283-0119-00	XB011950	CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C863	283-0167-00	XB011950	CAP., FXD, CER DI: 0.1UF, 10%, 100V	72982	8131N145X5R0104K
A16A1C865	283-0177-00	XB011950	CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A16A1C925	290-0297-00	XB011950	CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C929	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C932	283-0421-00	XB011950	CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C951	283-0119-00	XB011950	CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C960	283-0119-00	XB011950	CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C961	281-0773-00	XB011950	CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A16A1CR1	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR2	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR3	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR4	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR111	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR112	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR115	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR116	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR119	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR120	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR121	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR122	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR123	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR126	152-0141-02	XB011950	SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR136	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR137	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR138	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR139	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR201	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR202	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR203	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR204	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR205	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR311	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR312	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1CR313	152-0141-02			SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR314	152-0141-02			SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR315	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR321	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR322	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR461	152-0141-02			SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR511	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR512	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR513	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR514	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR519	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR520	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR521	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR522	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR580	152-0107-00			SEMICONV DEVICE:SILICON,400V,400MA	01295	G727
A16A1CR590	152-0107-00			SEMICONV DEVICE:SILICON,400V,400MA	01295	G727
A16A1CR740	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR841	152-0141-02	XB011950		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A16A1CR949	152-0107-00	XB011950		SEMICONV DEVICE:SILICON,400V,400MA	01295	G727
A16A1CR958	152-0107-00	XB011950		SEMICONV DEVICE:SILICON,400V,400MA	01295	G727
A16A1J81	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 34)	22526	47357
A16A1J82	131-0589-00			TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 3)	22526	48283-029
A16A1J83	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J84	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A16A1J85	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J86	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J87	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 9)	22526	47357
A16A1J88	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J89	131-0608-00			TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1Q311	151-1045-00	XB011950		TRANSISTOR:SILICON,JFE,P-CHANNEL	04713	SPS628
A16A1Q325	151-1045-00	XB011950		TRANSISTOR:SILICON,JFE,P-CHANNEL	04713	SPS628
A16A1Q391	151-0192-00			TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	04713	SPS8801
A16A1Q392	151-0192-00			TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	04713	SPS8801
A16A1Q451	151-0188-00			TRANSISTOR:SILICON,PNP	04713	SPS6868K
A16A1Q461	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q462	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q463	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q464	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q491	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q531	151-0188-00			TRANSISTOR:SILICON,PNP	04713	SPS6868K
A16A1Q541	151-0188-00			TRANSISTOR:SILICON,PNP	04713	SPS6868K
A16A1Q551	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q558	151-0192-00	XB011950		TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	04713	SPS8801
A16A1Q561	151-1066-00	B010100	B011949	TRANSISTOR:SILICON,FE,P-CHANNEL	80009	151-1066-00
A16A1Q561	151-0192-00	B011950		TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	04713	SPS8801
A16A1Q581	151-0188-00			TRANSISTOR:SILICON,PNP	04713	SPS6868K
A16A1Q582	151-0190-00			TRANSISTOR:SILICON,NPN	07263	S032677
A16A1Q734	151-0190-00	XB011950		TRANSISTOR:SILICON,NPN	07263	S032677

## REPLACEABLE ELECTRICAL PARTS

Component No	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1Q735	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q736	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q737	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q757	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q928	151-0188-00	XB011950	TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q931	151-0188-00	XB011950	TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q933	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q934	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q935	151-0190-00	XB011950	TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q936	151-1066-00	XB011950	TRANSISTOR: SILICON, FE, P-CHANNEL	80009	151-1066-00
A16A1Q953	151-0188-00	XB011950	TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1R1	321-0807-00		RES., FXD, FILM: 900K OHM, 1%, 0.125W	91637	HFF1104F90002F
A16A1R2	321-0246-00		RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R3	321-0246-00		RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R4	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R5	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R6	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R7	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R8	311-1235-00		RES., VAR, NONWIR: 100K OHM, 20%, 0.50W	32997	3386F-T04-104
A16A1R9	311-1235-00		RES., VAR, NONWIR: 100K OHM, 20%, 0.50W	32997	3386F-T04-104
A16A1R21	321-0807-00		RES., FXD, FILM: 900K OHM, 1%, 0.125W	91637	HFF1104F90002F
A16A1R100	321-0354-00		RES., FXD, FILM: 47.5K OHM, 1%, 0.125W	91637	MFF1816G47501F
A16A1R101	321-0354-00		RES., FXD, FILM: 47.5K OHM, 1%, 0.125W	91637	MFF1816G47501F
A16A1R111	321-0246-00	XB011950	RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R116	321-0246-00	XB011950	RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R120	321-0246-00	XB011950	RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R121	321-0354-00		RES., FXD, FILM: 47.5K OHM, 1%, 0.125W	91637	MFF1816G47501F
A16A1R122	321-0354-00		RES., FXD, FILM: 47.5K OHM, 1%, 0.125W	91637	MFF1816G47501F
A16A1R125	321-0246-00	XB011950	RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R127	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R128	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R129	321-0807-00		RES., FXD, FILM: 900K OHM, 1%, 0.125W	91637	HFF1104F90002F
A16A1R136	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R137	321-0246-00		RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R138	321-0246-00		RES., FXD, FILM: 3.57K OHM, 1%, 0.125W	91637	MFF1816G35700F
A16A1R139	321-0807-00		RES., FXD, FILM: 900K OHM, 1%, 0.125W	91637	HFF1104F90002F
A16A1R149	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R150	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R201	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R204	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R205	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A16A1R212	321-0486-00	XB011950	RES., FXD, FILM: 1.13M OHM, 1%, 0.125W	91637	HMF188G11303F
A16A1R216	321-0486-00	XB011950	RES., FXD, FILM: 1.13M OHM, 1%, 0.125W	91637	HMF188G11303F
A16A1R219	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R220	321-0486-00	XB011950	RES., FXD, FILM: 1.13M OHM, 1%, 0.125W	91637	HMF188G11303F
A16A1R223	321-0486-00	XB011950	RES., FXD, FILM: 1.13M OHM, 1%, 0.125W	91637	HMF188G11303F
A16A1R225	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R226	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R227	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R228	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R230	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R231	315-0394-00		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R232	315-0394-00		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R234	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R235	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A16A1R237	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R238	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Discont	Name & Description	Mfr Code	Mfr Part Number
A16A1R301	321-0371-00			RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R302	321-0371-00			RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R303	315-0104-00			RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R304	315-0104-00			RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R307	315-0752-00	B010100	B010315	RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A16A1R307	321-0228-00	B010316		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R308	315-0752-00	B010100	B010315	RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A16A1R308	321-0228-00	B010316		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R309	315-0512-00	B010100	B010315	RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R309	321-0193-00	B010316		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R310	315-0512-00	B010100	B010315	RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R310	321-0193-00	B010316		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R313	315-0473-00	XB011950		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R315	321-0239-00	XB011950		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R316	321-0239-00	XB011950		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R320	321-0239-00	XB011950		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R321	321-0239-00	XB011950		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R322	315-0473-00	XB011950		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R371	315-0102-00			RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R391	315-0472-00			RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R392	315-0472-00			RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R393	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R394	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R410	315-0100-00	XB011950		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R411	315-0153-00	XB011950		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R412	321-0260-00	XB011950		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R413	315-0394-00	XB011950		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R416	321-0371-00	XB011950		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R418	315-0153-00	XB011950		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R419	321-0260-00	XB011950		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R420	315-0394-00	XB011950		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R421	315-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R422	321-0371-00	XB011950		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R431	315-0102-00			RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R451	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R452	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R453	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R454	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R455	315-0512-00			RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R462	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R463	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R464	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R465	321-0329-00			RES., FXD, FILM: 26.1K OHM, 1%, 0.125W	91637	MFF1816G26101F
A16A1R466	315-0183-00			RES., FXD, CMPSN: 18K OHM, 5%, 0.25W	01121	CB1835
A16A1R467	315-0822-00			RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A16A1R482	321-0380-00			RES., FXD, FILM: 88.7K OHM, 1%, 0.125W	91637	MFF1816G88701F
A16A1R490	315-0910-00			RES., FXD, CMPSN: 91 OHM, 5%, 0.25W	01121	CB9105
A16A1R491	315-0512-00			RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R492	315-0202-00			RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R493	315-0201-00			RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A16A1R494	307-0111-00			RES., FXD, CMPSN: 3.6 OHM, 5%, 0.25W	01121	CB36G5
A16A1R515	315-0104-00	XB011950		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R516	321-0228-00	XB011950		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R517	321-0193-00	XB011950		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R521	315-0203-00			RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R522	315-0104-00	XB011950		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R523	321-0228-00	XB011950		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1R524	321-0193-00	XB011950	RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R531	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R541	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R542	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R551	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R552	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R559	315-0910-00	XB011950	RES., FXD, CMPSN: 91 OHM, 5%, 0.25W	01121	CB9105
A16A1R561	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R562	321-0337-00		RES., FXD, FILM: 31.6K OHM, 1%, 0.125W	91637	MFF1816G31601F
A16A1R563	321-0327-00		RES., FXD, FILM: 24.9K OHM, 1%, 0.125W	91637	MFF1816G24901F
A16A1R564	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R565	321-0228-00		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R566	315-0205-00		RES., FXD, CMPSN: 2M OHM, 5%, 0.25W	01121	CB2055
A16A1R567	315-0112-00		RES., FXD, CMPSN: 1.1K OHM, 5%, 0.25W	01121	CB1125
A16A1R570	321-0242-00		RES., FXD, FILM: 3.24K OHM, 1%, 0.125W	91637	MFF1816G32400F
A16A1R571	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A16A1R572	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A16A1R573	311-1232-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W	32997	3386F-T04-503
A16A1R574	315-0824-00		RES., FXD, CMPSN: 820K OHM, 5%, 0.25W	01121	CB8245
A16A1R580	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R581	321-0395-00		RES., FXD, FILM: 127K OHM, 1%, 0.125W	91637	MFF1816G12702F
A16A1R582	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R583	315-0134-00		RES., FXD, CMPSN: 130K OHM, 5%, 0.25W	01121	CB1345
A16A1R584	321-0285-00		RES., FXD, FILM: 9.09K OHM, 1%, 0.125W	91637	MFF1816G90900F
A16A1R585	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R586	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R587	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R588	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A16A1R589	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R590	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R591	315-0474-00		RES., FXD, CMPSN: 470K OHM, 5%, 0.25W	01121	CB4745
A16A1R593	315-0564-00		RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A16A1R594	321-0155-00		RES., FXD, FILM: 402 OHM, 1%, 0.125W	91637	MFF1816G402R0F
A16A1R595	321-0612-00		RES., FXD, FILM: 500 OHM, 1%, 0.125W	91637	MFF1816G500R0F
A16A1R596	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R597	311-1224-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W	32997	3386F-T04-501
A16A1R613	315-0100-00	XB011950	RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R614	315-0203-00	XB011950	RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R619	315-0203-00	XB011950	RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R633	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R643	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R648	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R652	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R657	315-0472-00	XB011950	RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R658	315-0472-00	XB011950	RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R659	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R662	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R718	315-0203-00	XB011950	RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R729	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R730	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R731	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R732	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R733	315-0512-00	XB011950	RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R734	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R738	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R743	321-0338-00	XB011950	RES., FXD, FILM: 32.4K OHM, 1%, 0.125W	91637	MFF1816G32401F
A16A1R744	321-0321-00	XB011950	RES., FXD, FILM: 21.5K OHM, 1%, 0.125W	91637	MFF1816G21501F

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1R752	315-0101-00	XB011950	RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A16A1R753	315-0101-00	XB011950	RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A16A1R754	315-0512-00	XB01195C	RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R755	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R756	315-0512-00	XB011950	RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R757	315-0202-00	XB011950	RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R758	315-0201-00	XB011950	RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A16A1R759	307-0111-00	XB011950	RES., FXD, CMPSN: 3.6 OHM, 5%, 0.25W	01121	CB36G5
A16A1R822	315-0203-00	XB011950	RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R828	315-0472-00	XB011950	RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R829	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R830	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R831	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R832	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R833	315-0103-00	XB011950	RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R834	321-0337-00	XB011950	RES., FXD, FILM: 31.6K OHM, 1%, 0.125W	91637	MFF1816G31601F
A16A1R835	321-0327-00	XB011950	RES., FXD, FILM: 24.9K OHM, 1%, 0.125W	91637	MFF1816G24901F
A16A1R836	315-0473-00	XB011950	RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R837	315-0183-00	XB011950	RES., FXD, CMPSN: 18K OHM, 5%, 0.25W	01121	CB1835
A16A1R838	321-0228-00	XB011950	RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R839	315-0822-00	XB011950	RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A16A1R842	315-0205-00	XB011950	RES., FXD, CMPSN: 2M OHM, 5%, 0.25W	01121	CB2055
A16A1R843	315-0112-00	XB011950	RES., FXD, CMPSN: 1.1K OHM, 5%, 0.25W	01121	CB1125
A16A1R849	321-0395-00	XB011950	RES., FXD, FILM: 127K OHM, 1%, 0.125W	91637	MFF1816G12702F
A16A1R853	315-0134-00	XB011950	RES., FXD, CMPSN: 130K OHM, 5%, 0.25W	01121	CB1345
A16A1R854	321-0285-00	XB011950	RES., FXD, FILM: 9.09K OHM, 1%, 0.125W	91637	MFF1816G90900F
A16A1R855	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R856	315-0621-00	XB011950	RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A16A1R857	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R858	315-0474-00	XB011950	RES., FXD, CMPSN: 470K OHM, 5%, 0.25W	01121	CB4745
A16A1R861	321-0155-00	XB011950	RES., FXD, FILM: 402 OHM, 1%, 0.125W	91637	MFF1816G402R0F
A16A1R864	315-0564-00	XB011950	RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A16A1R866	321-0612-00	XB011950	RES., FXD, FILM: 500 OHM, 1%, 0.125W	91637	MFF1816G500R0F
A16A1R939	321-0242-00	XB011950	RES., FXD, FILM: 3.24K OHM, 1%, 0.125W	91637	MFF1816G32400F
A16A1R940	321-0289-00	XB011950	RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A16A1R941	321-0318-00	XB011950	RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A16A1R945	315-0824-00	XB011950	RES., FXD, CMPSN: 820K OHM, 5%, 0.25W	01121	CB8245
A16A1R950	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R952	315-0681-00	XB011950	RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R955	315-0681-00	XB011950	RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R956	315-0202-00	XB011950	RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R957	315-0102-00	XB011950	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1TP1	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP21	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP22	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP34	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP231	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP232	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP421	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP495	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP591	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP840	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1TP850	131-0589-00	XB011950	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
A16A1U21	156-0317-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	34371	HA2-2625-5
A16A1U100	156-0158-00		MICROCIRCUIT, LI: DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U121	156-0317-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	34371	HA2-2625-5
A16A1U131	156-0112-00		MICROCIRCUIT, DL: QUAD 2-INPUT POS NAND GATE	80009	156-0112-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1U215	156-0317-01	XB011950		MICROCIRCUIT,LI:OPNL AMPL,CHK	80009	156-0317-01
A16A1U221	156-0383-00	B010100	B011949	MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A16A1U221	156-0317-01	B011950		MICROCIRCUIT,LI:OPNL AMPL,CHK	80009	156-0317-01
A16A1U231	156-0487-00			MICROCIRCUIT,DI:DUAL RETRIG,ONE SHOT	80009	156-0487-00
A16A1U301	156-0096-00			MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A16A1U311	156-0096-00			MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A16A1U318	156-1272-00	XB011950		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	NE5532 FE-IIB
A16A1U351	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A16A1U361	156-0387-00			MICROCIRCUIT,DI:QUAD J-K NEG EDGE TRIG	80009	156-0387-00
A16A1U371	156-0388-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A16A1U381	156-0382-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A16A1U391	156-0371-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND ST	80009	156-0371-00
A16A1U415	156-0096-01	XB011950		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,CHK	80009	156-0096-01
A16A1U421	156-0385-00	B010100	B011949	MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00
A16A1U421	156-0096-01	B011950		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,CHK	80009	156-0096-01
A16A1U425	156-0112-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0112-01
A16A1U431	156-0112-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	80009	156-0112-00
A16A1U481	156-0487-00			MICROCIRCUIT,DI:DUAL RETRIG,ONE SHOT	80009	156-0487-00
A16A1U491	156-0383-00			MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A16A1U495	156-0388-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A16A1U581	156-0158-00			MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U591	156-0158-00			MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U615	156-0487-01	XB011950		MICROCIRCUIT,DI:DUAL RETRIG MONOSTABLE	80009	156-0487-01
A16A1U621	156-0383-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-01
A16A1U625	156-0382-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U631	156-0387-01	XB011950		MICROCIRCUIT,DI:DUAL J-K FLIP-FLOP,CHK	80009	156-0387-01
A16A1U635	156-0388-01	XB011950		MICROCIRCUIT,DI:QUAD D-TYPE FLIP-FLOP	80009	156-0388-01
A16A1U641	156-0382-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U645	156-0464-01	XB011950		MICROCIRCUIT,DI:DUAL 4-INP NAND GATE	80009	156-0464-01
A16A1U651	156-0382-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U655	156-0645-01	XB011950		MICROCIRCUIT,DI:SCHMITT-TRIG,POS-NAND GATE	80009	156-0645-01
A16A1U721	156-0645-01	XB011950		MICROCIRCUIT,DI:SCHMITT-TRIG,POS-NAND GATE	80009	156-0645-01
A16A1U725	156-0112-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0112-01
A16A1U745	156-0706-01	XB011950		MICROCIRCUIT,DI:DUAL MONOSTABLE MV,CHK	80009	156-0706-01
A16A1U751	156-0728-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0728-01
A16A1U755	156-0383-01	XB011950		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-01
A16A1U761	156-0388-01	XB011950		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-01
A16A1U851	156-0158-01	XB011950		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	80009	156-0158-01
A16A1U861	156-0158-01	XB011950		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	80009	156-0158-01
A16A1VR464	152-0226-00			SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	14552	TD3810980
A16A1VR567	152-0127-00			SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR568	152-0127-00			SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR840	152-0226-00	XB011950		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	14552	TD3810980
A16A1VR844	152-0127-00	XB011950		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR845	152-0127-00	XB011950		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A2 STATUS W/MICRO SWITCH ASSY					
A16A2	672-0545-02		CKT BOARD ASSY:STATUS	80009	672-0545-02
A16A2DS1	150-0057-01		LAMP, INCAND:5V,0.115A,WIRE LD,SEL	76854	17AS15
A16A2J360	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 2)		
A16A2J361	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 7)		
A16A2Q1	151-0648-00		XSTR,PHOTO:SILICON,NPN	31718	FPT 120A
A16A2Q2	151-0648-00		XSTR,PHOTO:SILICON,NPN	31718	FPT 120A
A16A2R1	315-0475-00		RES.,FXD,CMPSN:4.7M OHM,5%,0.25W	01121	CB4755
A16A2R2	315-0475-00		RES.,FXD,CMPSN:4.7M OHM,5%,0.25W	01121	CB4755
A16A2R3	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A2R5	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A2S1	260-1748-00		SWITCH,PUSH:SPDT,0.1A,125VAC,LVR ACTR	01963	E63-02HB
A16A2S2	260-1748-00		SWITCH,PUSH:SPDT,0.1A,125VAC,LVR ACTR	01963	E63-02HB

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A17 INDICATOR LIGHT					
A17	670-4029-00		CKT BOARD ASSY:INDICATOR LIGHT	80009	670-4029-00
A17DS60	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS61	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS62	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS63	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17J60	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 6)		
A17J61	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 2)		
A17R60	315-0470-00		RES., FXD, CMPSN:47 OHM, 5%, 0.25W	01121	CB4705
A17R61	315-0470-00		RES., FXD, CMPSN:47 OHM, 5%, 0.25W	01121	CB4705
A17R62	315-0470-00		RES., FXD, CMPSN:47 OHM, 5%, 0.25W	01121	CB4705
A17R63	315-0300-00		RES., FXD, CMPSN:30 OHM, 5%, 0.25W	01121	CB3005

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A19 FIRMWARE BACKPACK					
A19	670-5625-00		CKT BOARD ASSY:FIRMWARE BACKPACK	80009	670-5625-00
A19C101	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19C201	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19C301	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19J91	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A19J92	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A19P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A19R365	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A19U351	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A19U361	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A19U371	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A19U381	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A20 COMMUNICATIONS BACKPACK						
A20	670-5626-00	B010100	B012034	CKT BOARD ASSY:COMMUNICATIONS BACKPACK	80009	670-5626-00
A20	670-5626-01	B012035		CKT BOARD ASSY:COMMUNICATIONS BACKPACK (OPTION 1 ONLY)	80009	670-5626-01
A20C11	283-0010-00			CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A20C171	283-0010-00			CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A20C211	283-0010-00			CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A20C231	283-0010-00			CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A20C311	290-0745-00			CAP., FXD, ELCTLT:22UF, +50-10%, 25V	56289	502D225
A20C321	290-0745-00			CAP., FXD, ELCTLT:22UF, +50-10%, 25V	56289	502D225
A20C361	290-0745-00			CAP., FXD, ELCTLT:22UF, +50-10%, 25V	56289	502D225
A20J91	131-1909-00			CONN, RCPT, ELEC:CKT CD, 22/44 CONT W/4-40	05574	600201-3201
A20J92	131-1909-00			CONN, RCPT, ELEC:CKT CD, 22/44 CONT W/4-40	05574	600201-3201
A20J93	131-1437-00			CONN, RCPT, ELEC:25 FEMALE CONTACT	71468	DB25S-F179
A20P5	131-1791-00			CONN, RCPT, ELEC:CKT BD, 25/50 CONTACT	05574	000231-3597
A20R251	315-0181-00			RES., FXD, CMPSN:180 OHM, 5%, 0.25W	01121	CB1815
A20R255	315-0431-00			RES., FXD, CMPSN:430 OHM, 5%, 0.25W	01121	CB4315
A20R281	315-0472-00			RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A20R283	315-0472-00			RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A20R381	315-0472-00			RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A20U111	156-0694-00			MICROCIRCUIT, DI:DECODER/DEMULTIPLXER	34335	SN74S138N
A20U121	156-0138-00			MICROCIRCUIT, LI:CORE LINE RECEIVER	01295	SN75154N
A20U171	156-1206-00			MICROCIRCUIT, DI:N-CHANNEL	04713	MC68B50P OR L
A20U181	156-0138-00			MICROCIRCUIT, LI:CORE LINE RECEIVER	01295	SN75154N
A20U211	156-0694-00			MICROCIRCUIT, DI:DECODER/DEMULTIPLXER	34335	SN74S138N
A20U221	156-0850-00			MICROCIRCUIT, DI:PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A20U241	156-1205-00			MICROCIRCUIT, DI:PERIPHERAL INTFC ADAPTER	04713	MC68B21P OR L
A20U261	156-0139-00			MICROCIRCUIT, LI:DUAL LINE DRIVER	01295	SN75150P
A20U281	156-0139-00			MICROCIRCUIT, LI:DUAL LINE DRIVER	01295	SN75150P

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eif Dscont	Name & Description	Mfr Code	Mfr Part Number
A21 SELECTOR					
A21	670-6207-00 -----		CKT BOARD ASSY:SELECTOR (OPTION 2 ONLY)	80009	670-6207-00
A21C211	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C231	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C251	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C271	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A21C281	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A21P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A21P96	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21P97	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21P98	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21R272	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A21U171	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLER	34335	SN74S138N
A21U181	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLER	34335	SN74S138N
A21U271	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A21U281	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A23 COMMUNICATION					
A23	670-6208-00 -----		CKT BOARD ASSY:COMMUNICATION (OPTION 3 ONLY)	80009	670-6208-00
A23C165	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A23C230	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A23C360	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A23C376	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A23C401	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A23C461	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A23C462	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A23C475	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A23J93	131-1437-00		CONN,RCPT,ELEC:25 FEMALE CONTACT	71468	DB25S-F179
A23P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A23P96	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A23P97	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A23P98	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A23R130	315-0181-00		RES.,FXD,CMPSN:180 OHM,5%,0.25W	01121	CB1815
A23R230	315-0181-00		RES.,FXD,CMPSN:180 OHM,5%,0.25W	01121	CB1815
A23R231	315-0181-00		RES.,FXD,CMPSN:180 OHM,5%,0.25W	01121	CB1815
A23R276	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A23R331	315-0181-00		RES.,FXD,CMPSN:180 OHM,5%,0.25W	01121	CB1815
A23R349	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A23R350	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A23U151	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULPLEXER	34335	SN74S138N
A23U175	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULPLEXER	34335	SN74S138N
A23U230	156-1206-00		MICROCIRCUIT,DI:N-CHANNEL	04713	MC68B50P OR L
A23U251	156-1205-00		MICROCIRCUIT,DI:PERIPHERAL INTFC ADAPTER	04713	MC68B21P OR L
A23U331	156-0138-00		MICROCIRCUIT,LI:CORE LINE RECEIVER	01295	SN75154N
A23U351	156-0138-00		MICROCIRCUIT,LI:CORE LINE RECEIVER	01295	SN75154N
A23U375	156-0850-00		MICROCIRCUIT,DI:PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A23U475	156-0139-00		MICROCIRCUIT,LI:DUAL LINE DRIVER	01295	SN75150P
A23U476	156-0139-00		MICROCIRCUIT,LI:DUAL LINE DRIVER	01295	SN75150P

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A24 PRINTER INTERFACE					
A24	670-5636-02 -----		CKT BOARD ASSY:RS232 OPT 10 (OPTION 10 ONLY)	80009	670-5636-02
A24C100	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A24C110	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A24C201	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A24C202	283-0177-00		CAP., FXD, CER DI:1UF, +80-20%, 25V	56289	273C5
A24C203	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A24C206	283-0103-00		CAP., FXD, CER DI:180PF, 5%, 500V	59660	831-518-Z5D0181J
A24C210	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A24Q200	151-0190-00		TRANSISTOR: SILICON, NPN	07263	SC32677
A24R109	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W	01121	C32715
A24R110	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A24R200	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	C33925
A24R201	315-0331-00		RES., FXD, CMPSN: 330 OHM, 5%, 0.25W	01121	C33315
A24R202	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	C31035
A24R204	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A24R206	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A24R208	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A24R210	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A24R211	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A24S111	260-1777-00		SWITCH, ROTARY: 16 POSN, 28VDC, 100MA	00779	53137-1
A24U100	160-0342-01		MICROCIRCUIT, DI: 2048 X 8 ROM, CUSTOM MASK	80009	160-0342-01
A24U101	156-1206-00		MICROCIRCUIT, DI: N-CHANNEL	04713	MC68B50P OR L
A24U110	156-0850-00		MICROCIRCUIT, DI: PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A24U201	156-0469-00		MICROCIRCUIT, DI: 3-LINE TO 8-LINE DECODER	01295	S474LS138N
A24U210	156-0138-00		MICROCIRCUIT, LI: CORE LINE RECEIVER	01295	SN75154N
A24U211	156-0139-00		MICROCIRCUIT, LI: DUAL LINE DRIVER	01295	SN75150P

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
A25 EDITOR ROM PACK						
A25	670-5624-00 -----	B010100	B011558	CKT BOARD ASSY:16K ROM PAK (4052R06)	80009	670-5624-00
A25	670-7485-00 -----	B011559		CKT BOARD ASSY:EDITOR ROM PK (4052 R06)	80009	670-7485-00
A25C1	283-0010-00			CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C11	283-0010-00			CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C21	283-0010-00			CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C201	283-0010-00			CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C301	290-0167-00			CAP.,FXD,ELCTLT:10UF,20%,15V	56289	150D106X0015B2
A25R221	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A25U1	160-0268-00	B010100	B011558	MICROCIRCUIT,DI:192 X 8 ROM	80009	160-0268-00
A25U1	160-1414-00	B011559		MICROCIRCUIT,DI:4096 X 8 EPROM,PRGM	80009	160-1414-00
A25U11	160-1415-00	XB011559		MICROCIRCUIT,DI:4096 X 8 EPROM,PRGM	80009	160-1415-00
A25U21	156-0469-00			MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
			A26 SIGNAL PROCESSING ROM #1		
A26	670-6250-00 -----		CKT BOARD ASSY:16K ROM PACK (4052R07)	80009	670-6250-00
A26C1	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C11	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C21	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C201	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C301	290-0167-00		CAP.,FXD,ELCTLT:10UF,20%,15V	56289	150D106X0015B2
A26U1	160-0278-00		MICROCIRCUIT,DI:8192 X 8 ROM,P,PROGRAMMED	50088	36197
A26U21	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
CHASSIS PARTS					
B5001	119-1024-00		FAN, VENTILATING: 115V, 18W, 3100RPM, 115 CFM	82877	028316
C5006	290-0566-00		CAP., FXD, ELCTLT: 15000UF, +75-10%, 30V	56289	36D153G030CB2A
C5007	290-0566-00		CAP., FXD, ELCTLT: 15000UF, +75-10%, 30V	56289	36D153G030CB2A
C5011	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
C5012	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
CR5003	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
CR5004	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
CR5005	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
F5001	159-0014-00		FUSE, CARTRIDGE: 3AG, 5A, 250V, FAST-BLOW	71400	MTH5
F5001	159-0005-00		FUSE, CARTRIDGE: 3AG, 3A, 125V, 30 SEC, CER	71400	MDA3
	-----		(OPTION A1, A2, A3, A4)		
F5001	159-0215-00		FUSE, CARTRIDGE: 3AG, GA, 250V, SLOW BLOW	33096	PB1322
	-----		(OPTION 31 ONLY)		
FL5001	119-0813-00	B010100 B011672	SELECTOR, VOLTS: W/LINE FLTR RCPT & FUSE	02777	F65003
FL5001	119-1330-00	B011673	POWER LINE MDL: CONN W/LINE VSEL & RFI FLT	02777	F65004
L5022	119-0870-00		COIL, TUBE DEFL:	80009	119-0870-00
Q1091	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
Q1092	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
Q5001	151-0366-00		TRANSISTOR: SILICON, PNP	03508	X45C277
Q5002	151-0352-00		TRANSISTOR: SILICON, NPN	03508	X44C282
Q5005	151-0623-00		TRANSISTOR: SILICON, NPN	01295	T1P52
Q5007	151-0373-00		TRANSISTOR: SILICON, PNP	80009	151-0373-00
Q5009	151-0415-00		TRANSISTOR: SILICON, NPN	04713	SJE419
R5001	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5002	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5003	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5004	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5011	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
S5001	260-1842-00		SWITCH, ROCKER: DPST, 16A, 250VAC	04009	2600-11E 718
T5001	120-1278-00		XFMR, PWR, SDN&SU: LF	80009	120-1278-00
T5001	120-1426-00	B010100 B012184	XFMR, PWR, SDN&SU: LF	80009	120-1426-00
	-----		(OPTION 31 ONLY)		
T5001	120-1426-01	B012185	XFMR, PWR, SDN&SU: LF	80009	120-1426-01
	-----		(OPTION 31 ONLY)		
U371	156-0285-00		MICROCIRCUIT, LI: VOLTAGE REGULATOR	27014	LM340T-12
U5011	156-0684-00		MICROCIRCUIT, LI: 3AMP, 5V, POSITIVE REGULATOR	27014	LM323K
V1	154-0785-02		ELECTRON TUBE: CRT	80009	154-0785-02
V1	154-0845-00	XB010100 B012184	ELECTRON TUBE: CRT, T4100-CWT, DVST	80009	154-0845-00
	-----		(OPTION 31 ONLY)		
V1	154-0845-01	B012185	ELECTRON TUBE: CRT, T4100-CWT-DVST	80009	154-0845-01
	-----		(OPTION 31 ONLY)		



# Section 6 REPLACEABLE ELECTRICAL PARTS

## PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

Only the circuit number will appear on the diagrams and circuit board illustrations. Each diagram and circuit board illustration is clearly marked with the assembly number. Assembly numbers are also marked on the mechanical exploded views located in the Mechanical Parts List. The component number is obtained by adding the assembly number prefix to the circuit number.

The Electrical Parts List is divided and arranged by assemblies in numerical sequence (e.g., assembly A1 with its subassemblies and parts, precedes assembly A2 with its subassemblies and parts).

Chassis-mounted parts have no assembly number prefix and are located at the end of the Electrical Parts List.

### LIST OF ASSEMBLIES

A list of assemblies can be found at the beginning of the Electrical Parts List. The assemblies are listed in numerical order. When the complete component number of a part is known, this list will identify the assembly in which the part is located.

### CROSS INDEX-MFR. CODE NUMBER TO MANUFACTURER

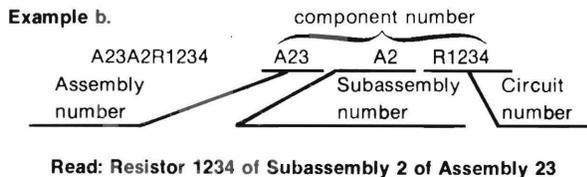
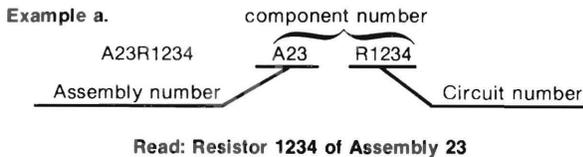
The Mfr. Code Number to Manufacturer index for the Electrical Parts List is located immediately after this page. The Cross Index provides codes, names and addresses of manufacturers of components listed in the Electrical Parts List.

### ABBREVIATIONS

Abbreviations conform to American National Standard Y1.1.

### COMPONENT NUMBER (column one of the Electrical Parts List)

A numbering method has been used to identify assemblies, subassemblies and parts. Examples of this numbering method and typical expansions are illustrated by the following:



### TEKTRONIX PART NO. (column two of the Electrical Parts List)

Indicates part number to be used when ordering replacement part from Tektronix.

### SERIAL/MODEL NO. (columns three and four of the Electrical Parts List)

Column three (3) indicates the serial number at which the part was first used. Column four (4) indicates the serial number at which the part was removed. No serial number entered indicates part is good for all serial numbers.

### NAME & DESCRIPTION (column five of the Electrical Parts List)

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an Item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

### MFR. CODE (column six of the Electrical Parts List)

Indicates the code number of the actual manufacturer of the part. (Code to name and address cross reference can be found immediately after this page.)

### MFR. PART NUMBER (column seven of the Electrical Parts List)

Indicates actual manufacturers part number.

**REPLACEABLE ELECTRICAL PARTS**

**CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER**

Mfr. Code	Manufacturer	Address	City, State, Zip
000CA	MOLEX	2222 WELLINGTON COURT	LYLE, ILLINOIS 60532
000FG	RIFA WORLD PRODUCTS INC.	7625 BUSH LAKE RD P O. BOX 35263	MINNEAPOLIS, MN 55435
00779	AMP, INC.	P O BOX 3608	HARRISBURG, PA 17105
00853	SANGAMO ELECTRIC CO., S. CAROLINA DIV.	P O BOX 128	PICKENS, SC 29671
01002	GENERAL ELECTRIC COMPANY, INDUSTRIAL AND POWER CAPACITOR PRODUCTS DEPARTMENT	JOHN STREET	HUDSON FALLS, NY 12839
01121	ALLEN-BRADLEY COMPANY	1201 2ND STREET SOUTH	MILWAUKEE, WI 53204
01281	TRW ELECTRONIC COMPONENTS, SEMICONDUCTOR OPERATIONS	14520 AVIATION BLVD.	LAWNDALE, CA 90260
01295	TEXAS INSTRUMENTS, INC., SEMICONDUCTOR GROUP	P O BOX 5012 13500 N CENTRAL EXPRESSWAY	DALLAS, TX 75222
01807	PETERSEN RADIO COMPANY, INC.	2800 WEST BROADWAY	COUNCIL BLUFFS, IN 51501
01963	CHERRY ELECTRICAL PRODUCTS CORPORATION	3600 SUNSET AVENUE	WAUKEGAN, IL 60085
02111	SPECTROL ELECTRONICS CORPORATION	17070 EAST GALE AVENUE	CITY OF INDUSTRY, CA 91745
02735	RCA CORPORATION, SOLID STATE DIVISION	ROUTE 202	SOMERVILLE, NY 08876
02777	HOPKINS ENGINEERING COMPANY	12900 FOOTHILL BLVD.	SAN FERNANDO, CA 91342
03508	GENERAL ELECTRIC COMPANY, SEMI-CONDUCTOR PRODUCTS DEPARTMENT	ELECTRONICS PARK 103 HAWTHORNE STREET	SYRACUSE, NY 13201
04009	ARROW-HART, INC.	103 HAWTHORNE STREET	HARTFORD, CT 06106
04222	AVX CERAMICS, DIVISION OF AVX CORP.	P O BOX 867, 19TH AVE. SOUTH	MYRTLE BEACH, SC 29577
04713	MOTOROLA, INC., SEMICONDUCTOR PROD. DIV.	5005 E MCDOWELL RD, PO BOX 20923	PHOENIX, AZ 85036
05574	VIKING INDUSTRIES, INC.	21001 NORDHOFF STREET	CHATSWORTH, CA 91311
07109	OAKTRON INDUSTRIES, INC.	704 30TH STREET	MONROE, WI 53566
07263	FAIRCHILD SEMICONDUCTOR, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	464 ELLIS STREET	MOUNTAIN VIEW, CA 94042
09023	CORNELL-DUBILIER ELECTRONIC DIVISION FEDERAL PACIFIC ELECTRIC CO.	2652 DALRYMPLE ST 8101 10TH AVENUE NORTH	SANFORD, NC 27330 MINNEAPOLIS MN 55427
11983	NORTRONICS COMPANY, INC.	580 PLEASANT STREET	WATERTOWN, MA 02172
12969	UNITRODE CORPORATION	3301 ELECTRONICS WAY P O BOX 3049	WEST PALM BEACH, FL 33402
14433	ITT SEMICONDUCTORS	2830 E FAIRVIEW ST. 1710 S. DEL MAR AVE.	SANTA ANA, CA 92704 SAN GABRIEL, CA 91776
14552	MICRO SEMICONDUCTOR CORP.	P.O. BOX 168, 500 BROADWAY	LAWRENCE, MA 01841
14752	ELECTRO CUBE INC.	2905 BLUE STAR ST.	ANAHEIM, CA 92806
15238	ITT SEMICONDUCTORS, A DIVISION OF INTER NATIONAL TELEPHONE AND TELEGRAPH CORP.	811 E. ARQUES	SUNNYVALE, CA 94086
15454	RODAN INDUSTRIES INC.	200 KISCO AVE.	MOUNT KISCO, NY 10549
18324	SIGNETICS CORP.	900 FOLLIN LANE, SE	VIENNA, VA 22180
18583	CURTIS INSTRUMENTS, INC.	3M CENTER	ST. PAUL, MN 55101
19396	ILLINOIS TOOL WORKS, INC. PAKTRON DIV.	YCUK EXPRESSWAY	NEW CUMBERLAND, PA 17070
20999	MINNESOTA MINING AND MFG CO., INDUSTRIAL ELECTRICAL PRODUCTS DIVISION	RT 1 INDUSTRIAL PK, P O BOX 280	NORWOOD, MA 02062
22526	BERG ELECTRONICS, INC.	550 HIGH STREET	BRADFORD, PA 16701
24355	ANALOG DEVICES INC.	2900 SEMICONDUCTOR DR.	SANTA CLARA, CA 95051
24546	CORNING GLASS WORKS, ELECTRONIC COMPONENTS DIVISION	5224 KATRINE AVE.	DOWNERS GROVE, IL 60515
27014	NATIONAL SEMICONDUCTOR CORP.	4001 MIRANDA AVE.	PALO ALTO, CA 94304
27264	MOLEX PRODUCTS CO.	1200 COLUMBIA AVE.	RIVERSIDE, CA 92507
31718	FAIRCHILD MICROWAVE AND OPTOELECTRONICS, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	2303 W 8TH STREET	LOVELAND, CO 80537
32997	BOURNS, INC., TRIMPOT PRODUCTS DIV.	7382 BOLSA AVE.	WESTMINSTER, CA 92683
33096	COLORADO CRYSTAL CORPORATION	901 THOMPSON PL.	SUNNYVALE, CA 94086
34333	SILICON GENERAL, INC.	P. O. BOX 883	MELBOURNE, FL 32901
34335	ADVANCED MICRO DEVICES	1400 UPFIELD DR.	CARROLLTON, TX 75006
34371	HARRIS SEMICONDUCTOR, DIV. OF HARRIS CORPORATION	640 PAGE MILL ROAD	PALO ALTO, CA 94304
50088	MOSTEK CORP.	3400 HILLVIEW AVENUE	PALO ALTO, CA 94304
50434	HEWLETT-PACKARD COMPANY	2820 E COLLEGE AVENUE	STATE COLLEGE, PA 16801
50522	MONSANTO CO., ELECTRONIC SPECIAL PRODUCTS	2990 TELESTAR CT. SUITE 212	FALLS CHURCH, VA 22042
51642	CENTRE ENGINEERING INC.	7485 AVENUE 304	VISALIA, CA 93277
51984	NEC AMERICA INC. RADIO AND TRANSMISSION DIV.	BOX 698	PAULS VALLEY, OK 73075
52306	HIGH VOLTAGE DEVICES, INC.		
53944	ELT INC., GLOW LITE DIVISION		

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Mfr. Code	Manufacturer	Address	City, State, Zip
54473	MATSUSHITA ELECTRIC, CORP. OF AMERICA	1 PANASONIC WAY	SECAUCUS, NJ 07094
55210	GETTIG ENG. AND MFG. COMPANY	PO BOX 85, OFF ROUTE 45	SPRING MILLS, PA 16875
55680	NICHICON/AMERICA/CORP.	6435 N PROESEL AVENUE	CHICAGO, IL 60645
56289	SPRAGUE ELECTRIC CO.	87 MARSHALL ST.	NORTH ADAMS, MA 01247
59660	TUSONIX INC.	2155 N FORBES BLVD	TUCSON, AZ 85705
63743	WARD LEONARD ELECTRIC CO., INC.	31 SOUTH ST.	MOUNT VERNON, NY 10550
71400	BUSSMAN MFG., DIVISION OF MCGRAW-EDISON CO.	2536 W. UNIVERSITY ST.	ST. LOUIS, MO 63107
71468	ITT CANNON ELECTRIC	666 E. DYER RD.	SANTA ANA, CA 92702
71482	CLARE, C. P., AND CO.	3101 PRATT BLVD.	CHICAGO, IL 60645
71744	CHICAGO MINIATURE LAMP WORKS	4433 RAVENSWOOD AVE.	CHICAGO, IL 60640
72982	ERIE TECHNOLOGICAL PRODUCTS INC.	644 W. 12TH ST.	ERIE, PA 16512
73138	BECKMAN INSTRUMENTS, INC., HELIPOT DIV.	2500 HARBOR BLVD.	FULLERTON, CA 92634
74276	SIGNALITE DIV., GENERAL INSTRUMENT CORP.	1933 HECK AVE.	NEPTUNE, NJ 07753
75037	MINNESOTA MINING & MFG CO. ELECTRO PRODUCTS DIV.	3M CENTER	ST. PAUL, MN 55101
75042	TRW ELECTRONIC COMPONENTS, IRC FIXED RESISTORS, PHILADELPHIA DIVISION	401 N. BROAD ST.	PHILADELPHIA, PA 19108
75915	LITTELFUSE, INC.	800 E. NORTHWEST HWY	DES PLAINES, IL 60016
76493	BELL INDUSTRIES, INC., MILLER, J. W., DIV.	19070 REYES AVE., P O BOX 5825	COMPTON, CA 90224
76854	OAK INDUSTRIES, INC., SWITCH DIV.	S. MAIN ST.	CRYSTAL LAKE, IL 60014
80009	TEKTRONIX, INC.	P O BOX 500	BEAVERTON, OR 97077
82877	ROTRON, INC.	7-9 HASBROUCK LANE	WOODSTOCK, NY 12498
83003	VARO, INC.	P O BOX 411, 2203 WALNUT STREET	GARLAND, TX 75040
83508	GRANT PULLEY AND HARDWARE CO.	HIGH ST.	WEST NYACK, NY 10994
84411	TRW ELECTRONIC COMPONENTS, TRW CAPACITORS	112 W. FIRST ST.	OGALLALA, NE 69153
90201	MALLORY CAPACITOR CO., DIV. OF P. R. MALLORY AND CO., INC.	3029 E. WASHINGTON STREET	
91418	RADIO MATERIALS COMPANY, DIV. OF P.R. MALLORY AND COMPANY, INC.	P. O. BOX 372	INDIANAPOLIS, IN 46206
91637	DALE ELECTRONICS, INC.	4242 W BRYN MAWR	CHICAGO, IL 60646
99801	RADAR ELECTRONICS CO.	P. O. BOX 609	COLUMBUS, NE 68601
		168 WESTERN AVE. WEST	SEATTLE, WA 98119

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
ASSEMBLIES					
A1	670-5942-01		CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-01
A2	670-5622-02		CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-02
A3	670-4798-04		CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-04
A4	670-7705-00		CKT BOARD ASSY:ALU	80009	670-7705-00
A5	670-5633-01		CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-01
A6	672-0799-06		CKT BOARD ASSY:56K BYTES TOTAL MEMORY (OPTION 24 ONLY)	80009	672-0799-06
A6	670-7624-00		CKT BOARD ASSY:56K BYTES TOTAL MEMORY	80009	670-7624-00
A7	670-7630-00		CKT BOARD ASSY:INPUT/OUTPUT	80009	670-7630-00
A8	670-6099-00		CKT BOARD ASSY:INTERCONNECT (SEE MPL FOR REPLACEMENT PARTS)	80009	670-6099-00
A9	670-5667-04		CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-04
A10	670-5672-04		CKT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-04
A11	672-0783-05		CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-05
A11	672-1025-00		CKT BOARD ASSY:DEFLECTION AMPLIFIER (OPTION 31 ONLY)	80009	672-1025-00
A11A1	670-5966-XX		CKT BOARD ASSY:NOT AVAIL,SEE A11		
A11A1	670-7454-XX		(NOT REPLACEABLE SEE A11 REPL) (OPTION 31 ONLY)		
A12	672-0795-04		CKT BOARD ASSY:STORAGE	80009	672-0795-04
A12	672-0795-06		CKT BOARD ASSY:STORAGE (OPTION 31 ONLY)	80009	672-0795-06
A12A1	670-6127-XX		CKT BOARD ASSY:NOT AVAIL,SEE A12		
A13	672-0807-01		CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-01
A13	672-1026-01		CKT BOARD ASSY:Z-AXIS HIGH VOLTAGE (OPTION 31 ONLY)	80009	672-1026-01
A13A1	670-6191-XX		CKT BOARD ASSY:NOT AVAIL,SEE A13		
A13A1	670-7264-XX		NOT REPLACEABLE SEE A13 REPL (OPTION 31 ONLY)		
A14	670-3097-01		CKT BOARD ASSY:HARD COPY AMPL	80009	670-3097-01
A15	119-1050-00		KEYBOARD,CALC:	01963	B80-13AC
A15A1	670-4002-XX		CKT BOARD ASSY:NOT AVAIL,SEE A15		
A16	119-0708-05		DRIVE,MAG TAPE:	80009	119-0708-05
A16A1	670-4003-04		CKT BOARD ASSY:TAPE DRIVER	80009	670-4003-04
A16A2	672-0545-02		CKT BOARD ASSY:STATUS	80009	672-0545-02
A17	670-4029-00		CKT BOARD ASSY:INDICATOR LIGHT	80009	670-4029-00
A18	670-6070-00		CKT BOARD ASSY:BACKPACK INTERCONNECT (SEE MPL FOR REPLACEMENT PARTS)	80009	670-6070-00
A19	670-5625-00		CKT BOARD ASSY:FIRMWARE BACKPACK	80009	670-5625-00
A20	670-5626-01		CKT BOARD ASSY:COMMUNICATIONS BACKPACK (OPTION 1 ONLY)	80009	670-5626-01
A21	670-6207-00		CKT BOARD ASSY:SELECTOR (OPTION 2 ONLY)	80009	670-6207-00
A22	670-6206-00		CKT BOARD ASSY:CONNECTOR (OPTS 2,3 ONLY,SEE MPL FOR REPL PARTS)	80009	670-6206-00
A23	670-6208-00		CKT BOARD ASSY:COMMUNICATION (OPTION 3 ONLY)	80009	670-6208-00
A24	670-5636-03		CKT BOARD ASSY:RS232 OPT 10 (OPTION 10 ONLY)	80009	670-5636-03
A25	670-7485-00		CKT BOARD ASSY:EDITOR ROM PK (4052 R06)	80009	670-7485-00
A26	670-6250-00		CKT BOARD ASSY:16K ROM PACK (4052R07)	80009	670-6250-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A1 PRIMARY INTERCONNECT					
A1	670-5942-01		CKT BOARD ASSY:PRIMARY INTERCONNECT	80009	670-5942-01
A1C373	290-0779-00		CAP. ,FXD,ELCTLT:10UF,+50-10%,50VDC	56289	502D237
A1C375	290-0797-00		CAP. ,FXD,ELCTLT:470UF,+50%-10%,50V	56289	D73403
A1CR212	152-0676-00		SEMICONV DEVICE:RECT,SI,400V,3A	03508	A115DX112
A1CR213	152-0676-00		SEMICONV DEVICE:RECT,SI,400V,3A	03508	A115DX112
A1CR380	152-0066-00		SEMICONV DEVICE:SILICON,400V,750MA	14433	LG4016
A1CR385	152-0066-00		SEMICONV DEVICE:SILICON,400V,750MA	14433	LG4016
A1E231	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	74276	CG230L
A1J211	131-2265-00		TERM,FEEDTHRU:10 PIN,INSULATED	27264	09-70-1101
A1J251	131-2447-00		CONN,RCPT,ELEC:CKT BD,4 PIN FEMALE	99801	10-18-1041
A1J311	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 2)	22526	48283-029
A1J411	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 2)	22526	48283-029
A1J479	131-2182-00		TERM. SET,PIN:1 X 5,0.156 SPACING,RTANG	27264	09-47-1052
A1RT241	307-0353-00		RES. ,FXD,FILM:5 OHM,10%,DISC	15454	5DA5RO-K-270SS
A1RT243	307-0353-00		RES. ,FXD,FILM:5 OHM,10%,DISC	15454	5DA5RO-K-270SS

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A2 +5V OUTPUT					
A2	670-5622-02		CKT BOARD ASSY:+5V OUTPUT	80009	670-5622-02
A2C11	283-0346-00		CAP.,FXD,CER DI:0.47UF,+80-20%,100V	72982	8131-M100F474Z
A2C31	285-0598-00		CAP.,FXD,PLSTC:0.01UF,5%,100V	01002	61F10AC103
A2C32	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A2C51	290-0770-00		CAP.,FXD,ELCTL:100UF,+50-10%,25V	56289	502D230
A2C52	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A2C61	290-0853-00		CAP.,FXD,ELCTL:5600UF,+50-10%,6.3V	90201	VPR562T6R3N1L6B
A2C71	290-0800-00		CAP.,FXD,ELCTL:250UF,+100-10%,20V	56289	672D257H0200M5C
A2C111	283-0594-00		CAP.,FXD,MICA D:0.001UF,1%,100V	00853	D151F102F0
A2C131	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A2C132	283-0060-00		CAP.,FXD,CER DI:100PF,5%,200V	72982	855-535U2J101J
A2C134	283-0212-00		CAP.,FXD,CER DI:2UF,20%,50V	72982	8141N064Z5U205M
A2C141	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A2C241	290-0835-00		CAP.,FXD,ELCTL:420UF,+100-10%,200V	56289	68D10970
A2C321	283-0208-00		CAP.,FXD,CER DI:0.22UF,10%,200V	72982	8151N230 C 224K
A2C431	285-1192-00		CAP.,FXD,PPR DI:0.0022UF,20%,250VAC	000FG	PME271Y422
A2C441	290-0835-00		CAP.,FXD,ELCTL:420UF,+100-10%,200V	56289	68D10970
A2C451	290-0114-00		CAP.,FXD,ELCTL:47UF,20%,6V	56289	150D476X0006B2
A2C461	290-0114-00		CAP.,FXD,ELCTL:47UF,20%,6V	56289	150D476X0006B2
A2C471	283-0198-00		CAP.,FXD,CER DI:0.22UF,20%,50V	72982	8121N083Z5U0224M
A2C481	283-0198-00		CAP.,FXD,CER DI:0.22UF,20%,50V	72982	8121N083Z5U0224M
A2C741	285-0934-00		CAP.,FXD,PLSTC:2.2UF,10%,200V	56289	430P238
A2C761	285-0934-00		CAP.,FXD,PLSTC:2.2UF,10%,200V	56289	430P238
A2C771	283-0659-00		CAP.,FXD,MICA D:1160PF,2%,500V	00853	D195F1161G0
A2C781	285-1192-00		CAP.,FXD,PPR DI:0.0022UF,20%,250VAC	000FG	PME271Y422
A2CR81	152-0066-00		SEMICONV DEVICE:SILICON,400V,750MA	14433	LG4016
A2CR111	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A2CR211	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A2CR351	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2CR352	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2CR371	152-0640-00		SEMICONV DEVICE:SILICON,35V,30A,DO-4	01281	SD-4101
A2CR381	152-0640-00		SEMICONV DEVICE:SILICON,35V,30A,DO-4	01281	SD-4101
A2CR451	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2CR452	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2CR561	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2CR562	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A2DS321	150-0035-00		LAMP,GLOW:90V,0.3MA	53944	A1B-3
A2J28	131-2264-00		CONN,RCPT,ELEC:CKT BD,10 CONTACT,R ANGLE	27264	09-62-3101
A2J29	131-2182-00		TERM. SET,PIN:1 X 5,0.156 SPACING,RTANG	27264	09-47-1052
A2L71	108-0950-00		COIL,RF:5.5UH	80009	108-0950-00
A2L271	108-0911-00		COIL,RF:FIXED,65UH	80009	108-0911-00
A2L631	108-0422-00		COIL,RF:FIXED,82UH	80009	108-0422-00
A2Q21	151-0302-00		TRANSISTOR:SILICON,NPN	07263	S038487
A2Q22	151-0301-00		TRANSISTOR:SILICON,PNP	27914	2N2907A
A2Q251	151-0391-00		TRANSISTOR:SILICON,PNP	80009	151-0391-00
A2Q261	151-0390-00		TRANSISTOR:SILICON,NPN	04713	SPS3414
A2Q262	151-0390-00		TRANSISTOR:SILICON,NPN	04713	SPS3414
A2Q482	151-0352-01		TRANSISTOR:SILICON,NPN	80009	151-0352-01
A2Q641	151-0632-00		TRANSISTOR:SILICON,NPN	04713	SJE1946
A2Q651	151-0632-00		TRANSISTOR:SILICON,NPN	04713	SJE1946
A2Q782	151-0352-01		TRANSISTOR:SILICON,NPN	80009	151-0352-01
A2R11	321-0277-00		RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
A2R12	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A2R13	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A2R14	315-0184-00		RES.,FXD,CMPSN:180K OHM,5%,0.25W	01121	CB1845

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A2R15	315-0132-00		RES., FXD, CMPSN: 1.3K OHM, 5%, 0.25W	01121	CB1325
A2R21	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A2R22	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A2R23	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R24	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R31	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A2R32	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A2R33	321-0410-00		RES., FXD, FILM: 182K OHM, 1%, 0.125W	91637	MFF1816G18202F
A2R41	315-0623-00		RES., FXD, CMPSN: 62K OHM, 5%, 0.25W	01121	CB6235
A2R42	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R43	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R44	321-0197-02		RES., FXD, FILM: 1.1K OHM, 0.5%, 0.125W	91637	MFF1816D11000D
A2R111	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A2R131	315-0330-00		RES., FXD, CMPSN: 33 OHM, 5%, 0.25W	01121	CB3305
A2R132	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R133	321-0240-00		RES., FXD, FILM: 3.09K OHM, 1%, 0.125W	91637	MFF1816G30900F
A2R134	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A2R141	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A2R142	321-0361-00		RES., FXD, FILM: 56.2K OHM, 1%, 0.125W	91637	MFF1816G56201F
A2R143	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A2R144	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A2R151	308-0344-00		RES., FXD, WW: 18.2 OHM, 1%, 3W	91637	RS2B-K18R20F
A2R152	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A2R153	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A2R181	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A2R182	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A2R211	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A2R212	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A2R213	315-0243-00		RES., FXD, CMPSN: 24K OHM, 5%, 0.25W	01121	CB2435
A2R214	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A2R215	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A2R251	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A2R252	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A2R321	301-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.50W	01121	EB1545
A2R322	301-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.50W	01121	EB1545
A2R323	316-0565-00		RES., FXD, CMPSN: 5.6M OHM, 10%, 0.25W	01121	CB5651
A2R471	306-0150-00		RES., FXD, CMPSN: 15 OHM, 10%, 2W	01121	HB1501
A2R481	306-0150-00		RES., FXD, CMPSN: 15 OHM, 10%, 2W	01121	HB1501
A2R521	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A2R781	305-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 2W	01121	HB4715
A2T351	120-1119-01		TRANSFORMER, RF: BASE DRIVE	80009	120-1119-01
A2T531	120-0743-00		XFMR, TOROID: 13 TURNS, BIFILAR	80009	120-0743-00
A2T571	120-1227-00		XFMR, PWR, SDN: HF	80009	120-1227-00
A2T1003	276-0640-00		CORE, EM: TOROID, FERRITE, 0.375 OD X 0.187	00779	1-480304-0
A2U41	156-0411-00		MICROCIRCUIT, LI: QUAD-COMP, SGL SUPPLY	27014	LM339N
A2U111	156-0411-00		MICROCIRCUIT, LI: QUAD-COMP, SGL SUPPLY	27014	LM339N
A2U121	156-0366-00		MICROCIRCUIT, DI: DUAL D-TYPE F-F	80009	156-0366-00
A2U251	156-0575-03		MICROCIRCUIT, DI: 3 INPUT NOR GATE, SELECTED	80009	156-0575-03
A2VR11	152-0662-00		SEMICOND DEVICE: ZENER, 0.4W, 5V, 1%	04713	SZG195

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A3 LOW VOLTAGE POWER SUPPLY					
A3	670-4798-04		CKT BOARD ASSY:L V POWER SUPPLY	80009	670-4798-04
A3C1	290-0799-00		CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C40	290-0002-00		CAP., FXD, ELCTLT: 8UF, +50-10%, 450V	09023	BR8-450
A3C42	283-0002-00		CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM10325014R9
A3C48	281-0770-00		CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A3C55	290-0718-00		CAP., FXD, ELCTLT: 22UF, 20%, 35V	56289	196D226X0035PE4
A3C61	281-0772-00		CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A3C101	290-0799-00		CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C111	290-0968-00		CAP., FXD, ELCTLT: 14000UF, +100-10%, 30V	90201	PFP143GR3J3P2
A3C141	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C145	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C148	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C149	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A3C163	281-0523-00		(NOT USED IN OPTION 31)		
A3C168	283-0002-00		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A3C201	290-0799-00		CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM10325014R9
A3C211	290-0968-00		CAP., FXD, ELCTLT: 300UF, +100-75%, 300V	56289	OBD
A3C221	290-0968-00		CAP., FXD, ELCTLT: 14000UF, +100-10%, 30V	90201	PFP143GR3J3P2
A3C221	290-0961-00		CAP., FXD, ELCTLT: 18000UF, +100-10%, 15V	56289	68D10444
A3C231	290-0961-00		CAP., FXD, ELCTLT: 18000UF, +100-10%, 15V	56289	68D10444
A3CR1	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 75CMA	14433	LG4016
A3CR2	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR10	152-0666-00		SEMICONV DEVICE: RECT, SI, 800V, 1.5A	80009	152-0666-00
A3CR56	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR66	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR105	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR127	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR141	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 75CMA	14433	LG4016
A3CR143	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR145	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3CR163	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A3F30	159-0083-00		FUSE, CARTRIDGE: 0.15A, 250V, FAST-BLOW	71400	AGC 15/100
A3F35	159-0028-00		FUSE, CARTRIDGE: 3AG, 0.25A, 250V, FAST-BLOW	71400	AGC 1/4
A3F137	159-0083-00		FUSE, CARTRIDGE: 0.15A, 250V, FAST-BLOW	71400	AGC 15/100
A3F139	159-0023-00		FUSE, CARTRIDGE: 3AG, 2A, 250V, 5SEC	71400	MDX2
A3F141	159-0023-00		FUSE, CARTRIDGE: 3AG, 2A, 250V, 5SEC	71400	MDX2
A3F144	159-0013-00		FUSE, CARTRIDGE: 3AG, 6A, 125V, 7SEC	71400	MTH6
A3F146	159-0014-00		FUSE, CARTRIDGE: 3AG, 5A, 250V, FAST-BLOW	71400	MTH5
A3J1	131-1974-00		TERM. SET, PIN: 5 MALE CONTACTS	000CA	09-60-1051
A3J32	131-1976-00		TERM. SET, PIN: 15 MALE CONT	27264	09-60-1151
A3J43	131-1975-00		TERM. SET, PIN: 12 MALE CONTACTS	27264	09-60-1121
A3Q55	151-0280-00		TRANSISTOR: SILICON, PNP	04713	SS8065
A3Q60	151-0136-00		TRANSISTOR: SILICON, NPN	02735	35495
A3Q150	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A3R21	305-0433-00		RES., FXD, CMPSN: 43K OHM, 5%, 2W	01121	HB4335
A3R23	305-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 2W	01121	HB3035
A3R24	305-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 2W	01121	HB2235
A3R25	308-0228-00		RES., FXD, WW: 4K OHM, 5%, 7W	91637	CW7 40000J
A3R41	323-0423-08		RES., FXD, FILM: 249K OHM, 1%, 0.50W	75042	CECT2-2493F
A3R43	321-0724-03		RES., FXD, FILM: 13.6K OHM, 0.25W, 0.125W	24546	NG55C1362C
A3R45	315-0681-03		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A3R47	315-0133-00		RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A3R50	308-0223-00		RES., FXD, WW: 35 OHM, 5%, 3W	91637	RS2B-K35R00J
A3R52	315-0911-00		RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115
A3R57	315-0911-00		RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A3R59	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A3R62	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R64	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A3R68	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R141	308-0795-00		RES., FXD, WW: 0.2 OHM, 5%, 3W	91637	RS2BR2000J
A3R143	308-0795-00		RES., FXD, WW: 0.2 OHM, 5%, 3W	91637	RS2BR2000J
A3R145	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A3R147	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A3R151	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4715
A3R152	321-0289-03		RES., FXD, FILM: 10K OHM, 0.25%, 0.125W	91637	MFF1816D10001C
A3R153	321-0816-07		RES., FXD, FILM: 5K OHM, 0.1%, 0.125W	91637	MFF1816C50000B
A3R155	321-0289-03		RES., FXD, FILM: 10K OHM, 0.25%, 0.125W	91637	MFF1816D10001C
A3R157	321-0816-07		RES., FXD, FILM: 5K OHM, 0.1%, 0.125W	91637	MFF1816C50000B
A3R166	311-1564-00		RES., VAR, NONWIR: TRMR, 500 OHM, 0.5W	73138	91-86-0
A3R167	321-0239-00		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A3R169	321-0234-00		RES., FXD, FILM: 2.67K OHM, 1%, 0.125W	91637	MFF1816G26700F
A3U51	156-0049-02		MICROCIRCUIT, LI: OPNL AMPL, SCREENED	04713	MC1741CGDS
A3U61	156-0699-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR, SCREENED	34333	SG723T
A3U161	156-0921-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	02735	CA3140TX
A3VR50	152-0669-00		SEMICONV DEVICE: ZENER, SI, 5W, 120V, 5% (NOT USED IN OPTION 31)	80009	152-0669-00
A3VR148	152-0127-00		SEMICONV DEVICE: ZENER, 0.4W, 7.5V, 5%	04713	SZG35009K2
A3VR151	152-0520-00		SEMICONV DEVICE: ZENER, 1W, 12V, 5% (NOT USED IN OPTION 31)	14433	1N4742A

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4 ALU					
A4	670-7705-00		CKT BOARD ASSY:ALU	80009	670-7705-00
A4C1	283-0060-00		CAP., FXD, CER DI:100PF, 5%, 200V	72982	855-535U2J101J
A4C2	283-0647-00		CAP., FXD, MICA D:70PF, 1%, 100V	00853	D151E700F0
A4C3	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A4C4	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C5	283-0115-00		CAP., FXD, CER DI:47PF, 5%, 200V	59660	805-519-COG0470J
A4C6	283-0060-00		CAP., FXD, CER DI:100PF, 5%, 200V	72982	855-535U2J101J
A4C7	283-0239-00		CAP., FXD, CER DI:0.022UF, 10%, 50V	72982	8121N083X7R0223K
A4C10	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C17	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C20	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C25	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C32	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C35	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C50	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C57	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C60	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C65	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C70	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C74	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C76	283-0000-00		CAP., FXD, CER DI:0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A4C90	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C100	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C108	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C115	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C117	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C120	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C130	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C135	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C145	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C155	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C160	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C162	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C165	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C175	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C180	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C200	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C210	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C212	283-0077-00		CAP., FXD, CER DI:330PF, 5%, 500V	59660	831-500B331J
A4C217	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C225	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C232	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C235	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C240	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C245	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C250	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C257	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C262	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C270	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C275	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C285	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C290	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C300	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C310	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C315	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4C325	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C335	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C345	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C350	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C355	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C360	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C365	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C370	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C380	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A4C385	290-0287-00		CAP., FXD, ELCTLT:47UF, 20%, 25V	56289	150D475X0035B2
A4DS190	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A4DS195	150-1001-01		LAMP, LED: RED, 2V, 100MA	50434	HLMP-3200
A4J201A	131-1844-00		CONN, RCPT, ELEC:CKT CARD, 2/21 CONT	00779	2-86415-4
A4J201B	131-1844-00		CONN, RCPT, ELEC:CKT CARD, 2/21 CONT	00779	2-86415-4
A4J200	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 2)		
A4J203	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 10)		
A4J204	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 10)		
A4J205	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 10)		
A4J206	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 10)		
A4J207	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 8)		
A4L1	108-0245-00		COIL, RF: 3.9UH	76493	B6310-1
A4Q1	151-0427-00		TRANSISTOR: SILICON, NPN	80009	151-0427-00
A4Q5	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A4R1	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A4R2	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A4R3	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R4	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R5	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R6	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R7	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W	01121	CB1515
A4R17	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R55	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R57	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R60	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R71	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R72	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R73	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A4R75	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A4R80	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R82	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A4R86	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A4R100	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R109	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R111	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R122	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R140	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R190	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R192	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A4R218	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A4R258	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A4R272	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Ccde	Mir Part Number
A4R309	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A4R312	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A4R317	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A4R333	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A4U10	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A4U15	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U17	156-1197-00		MICROCIRCUIT,DI:8 BIT UNIVERSAL SHIFT	80309	156-1197-00
A4U20	156-0097-00		MICROCIRCUIT,DI:DIV BY 2 AND 5 RIPPLE CNTR	80309	156-0097-00
A4U25	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U30	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U32	156-0567-00		MICROCIRCUIT,DI:DUAL J-K NEG EDGE TRIG F-F	01295	SN74LS113
A4U35	156-0383-00		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U50	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A4U55	156-0735-00		MICROCIRCUIT,DI:4-BIT BISTABLE LATCH	80009	156-0735-00
A4U57	156-0385-00		MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00
A4U60	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U62	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A4U65	156-0374-00		MICROCIRCUIT,DI:QUAD 2-INPUT NOR BUFFER	80009	156-0374-00
A4U70	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U72	156-0385-00		MICROCIRCUIT,DI:HEX. INVERTER	80009	156-0385-00
A4U80	156-0464-00		MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A4U85	156-0383-00		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U90	156-0724-00		MICROCIRCUIT,DI:HEX INV W/OC OUT	07263	74LS05PC OR DC
A4U100	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U105	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U108	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U110	156-0479-00		MICROCIRCUIT,DI:QUAD 2-INPUT OR GATE	27014	DM74LS32N
A4U115	156-0418-00		MICROCIRCUIT,DI:8-INPUT, NAND GATE	80009	156-0418-00
A4U117	156-0320-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	01295	SN74S11N
A4U120	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A4U125	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A4U130	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A4U132	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A4U135	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A4U140	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A4U145	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE, FLIP-FLOP	80009	156-0331-00
A4U150	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U155	156-0464-00		MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A4U157	156-0784-00		MICROCIRCUIT,DI:SYNC 4 BIT BINARY COUNTER	01295	SN74LS163AN
A4U160	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U162	156-0383-00		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A4U165	156-0707-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATE	01295	SN74S86N
A4U170	160-0325-00		MICROCIRCUIT,DI:32 X 8 PROM,3 STATE OUT,PRO	80009	160-0325-00
A4U172	160-0327-00		MICROCIRCUIT,DI:32 X 8 PROM,3 STATE OUT	80009	160-0327-00
A4U175	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A4U180	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A4U185	156-0541-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	27014	DM74LS139N
A4U200	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U205	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U21C	160-0324-00		MICROCIRCUIT,DI:PROM,PROGRAMMED	80009	160-0324-00
A4U215	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U217	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U220	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U225	156-1046-00		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	01295	SN74S374J
A4U230	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U232	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U235	160-0326-00		MICROCIRCUIT,DI:32 X 8 PROM,3 STATE OUT,PRO	80009	160-0326-00

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A4U240	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U245	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U250	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U255	156-0471-00		MICROCIRCUIT,DI:DUAL 4-LINE TO 1-LINE	01295	SN74LS253N
A4U257	156-0471-00		MICROCIRCUIT,DI:DUAL 4-LINE TO 1-LINE	01295	SN74LS253N
A4U260	156-0692-00		MICROCIRCUIT,DI:LOOK AHEAD CARRY GENERATOR	01295	SN74S182(N OR J)
A4U262	156-0480-00		MICROCIRCUIT,DI:QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A4U265	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U270	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U272	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U275	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U285	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U290	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A4U300	160-1693-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1693-00
A4U305	160-1694-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1694-00
A4U310	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U315	160-1695-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1695-00
A4U320	160-1686-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1686-00
A4U325	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4U330	160-1687-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1687-00
A4U335	160-1688-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1688-00
A4U340	160-1689-00		MICROCIRCUIT,DI:2048 X 8 PROM,PRGM	80009	160-1688-00
A4U345	156-1046-00		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	01295	SN74S374J
A4U350	156-1209-00		MICROCIRCUIT,DI:MICROPROGRAM SEQUENCER	34335	AM2911ADC
A4U355	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U360	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U365	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U370	156-1043-00		MICROCIRCUIT,DI:4 BIT MICROPROCESSOR SLICE	34335	AM2901BDC
A4U375	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A4U380	156-0798-00		MICROCIRCUIT,DI:DUAL 4 LINE TO 1 LINE	01295	SN74LS153
A4U385	156-0865-00		MICROCIRCUIT,DI:OCTAL D TYPE FF W/CLEAR	01295	SN74LS273 N OR J
A4Y1	158-0165-00		XTAL UNIT,QTZ:49.152 MHZ,0.01%,SERIES	33096	PB-3056

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A5 MEMORY COMMAND PROCESSOR					
A5	670-5633-01		CKT BOARD ASSY:MEMORY COMMAND PROCESSOR	80009	670-5633-01
A5C15	290-0847-00		CAP.,FXD,ELCTLT:47UF,+50-10%,10 V	54473	ECE-B1AV470S
A5C35	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C51	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C65	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C71	290-0847-00		CAP.,FXD,ELCTLT:47UF,+50-10%,10 V	54473	ECE-B1AV470S
A5C115	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C135	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C151	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C165	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C211	290-0847-00		CAP.,FXD,ELCTLT:47UF,+50-10%,10 V	54473	ECE-B1AV470S
A5C215	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C225	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C235	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C251	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C265	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C275	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C285	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C295	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C325	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C335	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C351	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C365	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C375	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C385	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C395	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C421	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C435	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C451	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C465	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C475	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C485	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C495	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C515	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C525	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C535	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C551	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C565	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C575	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C585	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C595	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C615	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C625	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C635	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C651	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C665	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C675	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C681	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C695	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A5C711	290-0847-00		CAP.,FXD,ELCTLT:47UF,+50-10%,10 V	54473	ECE-B1AV470S
A5C781	290-0847-00		CAP.,FXD,ELCTLT:47UF,+50-10%,10 V	54473	ECE-B1AV470S
A5DS1	150-1001-01		LAMP,LED:RED,2V,100MA	50434	HLMP-3200
A5DS2	150-1001-01		LAMP,LED:RED,2V,100MA	50434	HLMP-3200
A5DS3	150-1001-01		LAMP,LED:RED,2V,100MA	50434	HLMP-3200
A5DS4	150-1001-01		LAMP,LED:RED,2V,100MA	50434	HLMP-3200

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A5J201	131-1717-01		CONN,RCPT,ELEC:CKT BD,2 X 42,FEMALE	00779	3-86018-4
A5J254	131-1465-00		CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A5J255	131-1465-00		CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A5J258	131-2528-00		TERM SET,PIN:10 MALE CONTACTS,POLARIZED	27264	09-61-1106
A5J259	131-2528-00		TERM SET,PIN:10 MALE CONTACTS,POLARIZED	27264	09-61-1106
A5J264	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 17)	22526	47357
A5J266	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 18)	22526	47357
A5J268	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 17)	22526	47357
A5J272	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 17)	22526	47357
A5J276	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 10)	22526	47357
A5R36	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R63	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R136	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R163	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R224	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R242	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R283	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R312	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R313	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R314	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R315	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A5R324	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R342	315-0150-00		RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB1505
A5R360	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R417	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R463	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R483	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R487	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R524	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R542	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R573	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R617	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R626	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R673	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R683	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5R687	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A5U35	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U41	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U51	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U61	156-0304-00		MICROCIRCUIT,DI:DUAL 4-INPUT,NAND GATE	18324	N74S20A
A5U65	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U115	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U121	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U135	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U141	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U151	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U161	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U165	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U171	156-0739-00		MICROCIRCUIT,DI:QUAD 2-INP ORGATE	80009	156-0739-00
A5U215	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U221	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U225	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A5U235	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U251	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U261	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U265	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U271	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U275	156-0320-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	01295	SN74S11N
A5U281	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U321	156-0724-00		MICROCIRCUIT,DI:HEX INV W/OC OUT	07263	74LS05PC OR DC
A5U325	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U335	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U341	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U351	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U361	156-0304-00		MICROCIRCUIT,DI:DUAL 4-INPUT,NAND GATE	18324	N74S20A
A5U365	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U371	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U375	156-0321-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	80009	156-0321-00
A5U381	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U385	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U391	156-0150-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
A5U395	156-0418-00		MICROCIRCUIT,DI:8-INPUT,NAND GATE	80009	156-0418-00
A5U415	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U421	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U425	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U435	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U441	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U451	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U461	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U465	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A5U471	156-0739-00		MICROCIRCUIT,DI:QUAD 2-INP ORGATE	80009	156-0739-00
A5U475	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U481	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U485	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U491	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U495	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A5U515	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U521	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U525	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U535	156-1198-00		MICROCIRCUIT,DI:SYNCHRONOUS 4BIT COUNTER	80009	156-1198-00
A5U541	156-1250-00		MICROCIRCUIT,DI:OCTAL D-TYPE TRANS LATCHES	01295	SN74S373N
A5U551	156-1046-02		MICROCIRCUIT,DI:OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A5U561	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A5U565	156-0966-00		MICROCIRCUIT,DI:DUAL 5-INPUT NOR GATE	80009	156-0966-00
A5U571	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U575	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U581	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U585	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U591	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A5U595	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U615	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U621	156-0948-02		MICROCIRCUIT,DI:QUAD D F-F,BURN-IN	01295	SN74S175J4
A5U625	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U635	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U641	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U651	156-0690-00		MICROCIRCUIT,DI:QUAD 2-INP NOR GATE	01295	SN74S02N
A5U661	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U665	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A5U671	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A5U675	156-0180-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74S00(N OR J)
A5U681	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U685	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U691	156-0331-00		MICROCIRCUIT,DI:DUAL D-TYPE,FLIP-FLOP	80009	156-0331-00
A5U695	156-0118-00		MICROCIRCUIT,DI:J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6 MEMORY ACCESS SEQUENCER					
A6	670-7624-00		CKT BOARD ASSY:MEMORY ACCESS SEQUENCER	80009	670-7624-00
A6	672-0799-06		CKT BOARD ASSY:MEMORY ACCESS SEQUENCER (OPTION 24 ONLY)	80009	672-0799-06
A6C115	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C125	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C135	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C145	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C165	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C175	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C185	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DC015E104Z
A6C194	290-0746-00		CAP., FXD, ELCTLT:47UF, +50-10%, 16V	55680	16U-47V-T
A6C195	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C210	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C220	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C230	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C240	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C250	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C270	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C280	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C290	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C315	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C325	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C335	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C340	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C365	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C375	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C385	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C395	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C410	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C420	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C435	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C445	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C460	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C470	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C480	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C490	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C605	290-0746-00		CAP., FXD, ELCTLT:47UF, +50-10%, 16V	55680	16U-47V-T
A6C610	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C615	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C625	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C635	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C645	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C660	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C670	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C680	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C687	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C695	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C696	290-0746-00		CAP., FXD, ELCTLT:47UF, +50-10%, 16V	55680	16U-47V-T
A6C705	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C709	290-0804-00		CAP., FXD, ELCTLT:10UF, +50-10%, 25V	55680	25ULA10V-T
A6C710	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C713	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C715	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C720	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C725	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DC015E104Z

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6C730	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C735	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C740	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C745	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C760	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C765	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C770	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C775	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C780	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C785	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C787	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C790	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C795	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C797	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C798	290-0804-00		CAP., FXD, ELCTLT:10UF, +50-10%, 25V	55680	25ULA10V-T
A6C810	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C813	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C815	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C820	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C825	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C827	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C835	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C840	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C845	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C860	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C865	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C870	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C875	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C880	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C885	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C887	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C890	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6C895	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A6DS15	150-1001-00		LT EMITTING DIO:RED,660NM,100MA MAX	50522	MV5024
A6J101	131-1717-00		CONN,RCPT,ELEC:CKT BD,42/82 FEM CONN	00779	3-86018-4
A6J154	131-1465-00		CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A6J155	131-1465-00		CONNECTOR,RCPT,:34 RT ANGEL CONT	20999	3431-1002
A6J239	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A6J249	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 4)	22526	47357
A6J295	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A6J345	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A6J419	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A6R109	315-0161-00		RES.,FXD,CMPSN:160 OHM,5%,0.25W	01121	CB1615
A6R119	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R134	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R140	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A6R144	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R149	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R208	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R209	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A6R219	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A6R239	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6R244	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A6R249	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A6R324	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A6R334	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A6R345	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A6R369	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A6R394	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A6R419	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A6R481	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R483	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R486	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R488	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A6R491	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R493	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R494	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R495	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R496	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R497	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R498	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R499	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R509	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R513	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R515	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R519	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R521	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R523	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R529	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R531	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R533	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R535	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R537	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R541	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R543	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R565	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R570	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R571	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6T572	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6T573	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R574	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R575	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R576	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R577	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R578	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R579	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R58C	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R581	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R582	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R583	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R584	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R585	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A6R586	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R587	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R588	315-0180-00		RES., FXD, CMPSN: 18 OHM, 5%, 0.25W	01121	CB1805
A6R589	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R590	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R591	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R592	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6R593	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A6R594	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R595	315-0270-00		RES., FXD, CMPSN: 27 OHM, 5%, 0.25W	01121	CB2705
A6R596	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A6R597	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R598	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A6R599	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R646	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R647	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R648	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R649	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R650	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R651	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R652	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R653	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R654	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R655	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R656	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R657	315-0300-00		RES., FXD, CMPSN: 30 OHM, 5%, 0.25W	01121	CB3005
A6R658	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R659	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R660	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R661	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R662	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R663	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R664	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R665	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A6R746	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R759	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A6R798	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A6R845	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R846	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R847	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R848	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R849	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R850	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R851	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R852	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R853	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R854	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R855	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R856	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R857	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R858	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R859	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R860	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R861	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R862	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R863	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R864	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R865	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R866	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R867	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R868	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A6R869	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R870	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6R871	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A6R872	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A6U110	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A6U115	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U120	156-0331-03		MICROCIRCUIT, DI: DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A6U125	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A6U130	156-0739-02		MICROCIRCUIT, DI: QUAD 2 INP ORGATE, SCRN	01295	SN74S32
A6U135	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U140	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U145	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A6U150	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U160	156-0982-03		MICROCIRCUIT, DI: OCTAL-D-EDGE FF, SCRN	07263	74LS374
A6U165	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U170	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U175	156-0472-03		MICROCIRCUIT, DI: 13 INPUT NAND GATE, SCRN	01295	SN74S133
A6U180	156-1046-02		MICROCIRCUIT, DI: OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A6U185	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U190	156-1046-02		MICROCIRCUIT, DI: OCTAL D TYPE EDGE TRIG FF	80009	156-1046-02
A6U195	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U210	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U215	156-1172-01		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, BURN IN	01295	SN74LS393
A6U220	156-0331-03		MICROCIRCUIT, DI: DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A6U225	156-0948-02		MICROCIRCUIT, DI: QUAD D F-F, BURN-IN	01295	SN74S175J4
A6U230	156-0690-03		MICROCIRCUIT, DI: QUAD 2 INP NOR GATE, BURN IN	01295	SN74S02
A6U235	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U240	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U245	156-0739-02		MICROCIRCUIT, DI: QUAD 2 INP ORGATE, SCRN	01295	SN74S32
A6U250	160-1690-00		MICROCIRCUIT, DI: 32 X 8 PROM, PRGM	80009	160-1690-00
A6U260	156-1014-00		MICROCIRCUIT, DI: 9 BIT ODD/EVEN PTY GEN/CHK	80009	156-1014-00
A6U265	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U270	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U280	156-0966-01		MICROCIRCUIT, DI: DUAL 5 INP NOR GATES	80009	156-0966-01
A6U285	156-1014-00		MICROCIRCUIT, DI: 9 BIT ODD/EVEN PTY GEN/CHK	80009	156-1014-00
A6U290	156-0916-02		MICROCIRCUIT, DI: 8-2 INP 3-STATE BFR, BURN	27014	DM81LS97
A6U295	156-1172-01		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, BURN IN	01295	SN74LS393
A6U310	156-0118-03		MICROCIRCUIT, DI: 1 DUAL J-K FF, BURN-IN	01295	SN74S112JP3
A6U315	156-0118-03		MICROCIRCUIT, DI: 1 DUAL J-K FF, BURN-IN	01295	SN74S112JP3
A6U320	156-0118-03		MICROCIRCUIT, DI: 1 DUAL J-K FF, BURN-IN	01295	SN74S112JP3
A6U325	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U330	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U335	156-0118-03		MICROCIRCUIT, DI: 1 DUAL J-K FF, BURN-IN	01295	SN74S112JP3
A6U340	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U345	156-0459-02		MICROCIRCUIT, DI: QUAD 2 INPUT & GATE, BURN	01295	SN74S08
A6U360	156-0690-03		MICROCIRCUIT, DI: QUAD 2 INP NOR GATE, BURN IN	01295	SN74S02
A6U365	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A6U370	156-0304-02		MICROCIRCUIT, DI: DUAL 4 INP NAND GATE	01295	SN74S20
A6U375	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U380	156-0331-03		MICROCIRCUIT, DI: DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A6U385	156-1292-00		MICROCIRCUIT, DI: 4 BIT BINARY ADDER	80009	156-1292-00
A6U390	156-1292-00		MICROCIRCUIT, DI: 4 BIT BINARY ADDER	80009	156-1292-00
A6U395	156-1111-02		MICROCIRCUIT, DI: OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U410	156-0304-02		MICROCIRCUIT, DI: DUAL 4 INP NAND GATE	01295	SN74S20
A6U415	156-0321-02		MICROCIRCUIT, DI: TRIPLE 3 INP NAND GATE	01295	SN74S10
A6U420	156-0694-02		MICROCIRCUIT, DI: DCDR/3 LINE TO 8 LINE, SCRN	07263	74S138DCQR
A6U430	156-1058-00		MICROCIRCUIT, DI: OCTAL SCHMITTTRIGGER BFR	01295	SN74S240J
A6U435	156-1058-00		MICROCIRCUIT, DI: OCTAL SCHMITTTRIGGER BFR	01295	SN74S240J
A6U440	156-1216-01		MICROCIRCUIT, DI: QUAD 2 INP NAND BFR, SCRN	01295	SN74S37JP4
A6U445	156-1216-01		MICROCIRCUIT, DI: QUAD 2 INP NAND BFR, SCRN	01295	SN74S37JP4

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6U450	156-0180-04		MICROCIRCUIT,DI:QUAD 2 INP NAND GATE	01295	SN74S00NP3
A6U460	156-1058-00		MICROCIRCUIT,DI:OCTAL SCHMITTTRIGGER BFR	01295	SN74S240J
A6U465	156-1058-00		MICROCIRCUIT,DI:OCTAL SCHMITTTRIGGER BFR	01295	SN74S240J
A6U470	156-0694-02		MICROCIRCUIT,DI:DCCR/3 LINE TO 8 LINE,SCRN	07263	74S138DCQR
A6U475	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U480	156-1292-00		MICROCIRCUIT,DI:4 BIT BINARY ADDER	80009	156-1292-00
A6U485	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A6U490	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A6U495	156-1111-02		MICROCIRCUIT,DI:OCTAL BUS TRANSCEIVERS	01295	SN74LS245JP3
A6U610	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U613	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U615	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U620	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U625	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U630	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U635	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U640	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U645	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U660	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U665	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U670	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U675	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U680	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U685	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U687	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U690	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U695	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM (OPTION 24 ONLY)	80009	156-0968-02
A6U710	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U713	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U715	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U720	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U725	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U730	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U735	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U740	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U745	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U760	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U765	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U770	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A6U775	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U780	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U785	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U787	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U790	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U795	156-0968-02		MICROCIRCUIT,DI:16384 X 1 DYNAMIC RAM	80009	156-0968-02
A6U810	160-1698-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1698-00
A6U820	160-1699-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1699-00
A6U825	160-1700-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1700-00
A6U835	160-1701-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1701-00
A6U845	160-1702-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1702-00
A6U863	160-1685-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1685-00
A6U870	160-1684-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1684-00
A6U880	160-1683-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1683-00
A6U885	160-1691-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1691-00
A6U893	160-1682-00		MICROCIRCUIT,DI:8192 X 8 EPROM,PRGM	80009	160-1682-00
A6VR799	152-0195-00		SEMICOND DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755

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REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
<b>A7 INPUT/OUTPUT</b>					
A7	670-7630-00		CKT BOARD ASSY: INPUT/OUTPUT	80009	670-7630-00
A7C50	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7C55	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C65	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C73	283-0204-00		CAP., FXD, CER DI: 0.01UF, 20%, 50V	72982	8121N061Z5U0103M
A7C110	285-0643-00		CAP., FXD, PLSTC: 0.0047UF, 5%, 100V	84411	TEK-180 47251
A7C120	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C121	283-0107-00		CAP., FXD, CER DI: 51PF, 5%, 200V	72982	8121B232C0G0510J
A7C130	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C135	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C140	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C145	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7155	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C165	283-0203-00		CAP., FXD, CER DI: 0.47UF, 20%, 50V	72982	8131M058Z5U0474M
A7C167	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C177	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C178	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C205	281-0767-00		CAP., FXD, CER DI: 330PF, 20%, 100V	12969	CGB331MEX
A7C215	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A7C267	283-0177-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A7C271	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C277	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A7C310	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C320	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C325	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C335	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C345	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C350	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C360	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C410	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C420	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C435	290-0534-00		CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
A7C450	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C460	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7C505	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7C520	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A7CR65	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR76	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7CR161	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7CR163	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR165	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR178	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7CR182	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7CR260	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A7F369	159-0015-00		FUSE, CARTRIDGE: 3AG, 3A, 250V, 0.65 SEC	71400	AGC 3
A7F377	159-0015-00		FUSE, CARTRIDGE: 3AG, 3A, 250V, 0.65 SEC	71400	AGC 3
A7J101A	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A7J101B	131-1844-00		CONN, RCPT, ELEC: CKT CARD, 2/21 CONT	00779	2-86415-4
A7J102	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A7J103	131-1465-00		CONNECTOR, RCPT, : 34 RT ANGEL CONT	20999	3431-1002
A7J104	131-2215-01		CONN, RCPT, ELEC: CKT BD, 48 CONT, MALE	75037	3495-1002
A7J106	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 24)	22526	47357
A7J110	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357

REPLACEABLE ELECTRICAL PARTS

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7J114	131-2215-01		CONN, RCPT, ELEC: CKT BD, 48 CONT, MALE	75037	3495-1002
A7J115	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 6)		
A7J117	131-1806-00		CONTACT ASSY, EL: 31, 0.025 SQ, 0.15 CTR, 0.39L	22526	65595-131
	-----		(QUANTITY OF 3)		
A7J118	131-1806-00		CONTACT ASSY, EL: 31, 0.025 SQ, 0.15 CTR, 0.39L	22526	65595-131
	-----		(QUANTITY OF 3)		
A7J119	131-2250-00		CONN, RCPT, ELEC: CKT BD, 5 MALE	27264	09-61-1053
A7Q63	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A7Q65	151-0324-00		TRANSISTOR: SILICON, PNP	04713	SJE915
A7Q80	151-0302-00		TRANSISTOR: SILICON, NPN	07263	S038487
A7Q167	151-0302-00		TRANSISTOR: SILICON, NPN	07263	S038487
A7Q18C	151-0301-00		TRANSISTOR: SILICON, PNP	27014	2N2907A
A7Q276	151-0301-00		TRANSISTOR: SILICON, PNP	27014	2N2907A
A7R10	315-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.25W	01121	CB3905
A7R19	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A7R20	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R30	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R45	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R66	321-0332-00		RES., FXD, FILM: 28K OHM, 1%, 0.125W	91637	MFF1816G28001F
A7R67	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7R68	321-0318-03		RES., FXD, FILM: 20K OHM, 0.25%, 0.125W	24546	NC55C2002C
A7R69	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A7R70	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A7R71	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R72	321-0197-00		RES., FXD, FILM: 1.1K OHM, 1%, 0.125W	91637	MFF1816G11000F
A7R73	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A7R74	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7R75	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R76	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R77	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A7R78	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R79	308-0678-00		RES., FXD, WW: 0.1 OHM, 5%, 2W	75042	BWH-R1000J
A7R85	311-1223-00		RES., VAR, NONWIR: TRMR, 250 OHM, 0.5W	02111	63M251T602
A7R110	321-0329-00		RES., FXD, FILM: 26.1K OHM, 1%, 0.125W	91637	MFF1816G26101F
A7R149	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R151	315-0751-00		RES., FXD, CMPSN: 750 OHM, 5%, 0.25W	01121	CB7515
A7R153	315-0222-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A7R160	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R163	301-0391-00		RES., FXD, CMPSN: 390 OHM, 5%, 0.50W	01121	EB3915
A7R165	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A7R166	301-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.50W	01121	EB1025
A7R167	321-0382-00		RES., FXD, FILM: 93.1K OHM, 1%, 0.125W	91637	MFF1816G93101F
A7R169	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R170	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R171	315-0822-00		RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A7R174	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R175	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A7R176	321-0959-03		RES., FXD, FILM: 24.0K OHM, 0.25%, 0.125W	91637	CMF110216D24010C
A7R179	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R180	308-0678-00		RES., FXD, WW: 0.1 OHM, 5%, 2W	75042	BWH-R1000J
A7R210	321-0412-00		RES., FXD, FILM: 191K OHM, 1%, 0.125W	91637	MFF1816G19102F
A7R240	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7R265	315-0184-00		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W	01121	CB1845
A7R266	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R267	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A7R268	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F



REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A7R269	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A7R270	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7R275	301-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.5W	01121	EB1825
A7R278	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A7R312	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
A7R315	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A7R320	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R336	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
A7R340	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A7R350	315-0200-00		RES., FXD, CMPSN: 20 OHM, 5%, 0.25W	01121	CB2005
A7R357	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R405	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A7R406	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R408	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7R412	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
A7R431	315-0910-00		RES., FXD, CMPSN: 91 OHM, 5%, 0.25W	01121	CB9105
A7R432	315-0510-00		RES., FXD, CMPSN: 51 OHM, 5%, 0.25W	01121	CB5105
A7R433	315-0820-00		RES., FXD, CMPSN: 82 OHM, 5%, 0.25W	01121	CB8205
A7R435	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A7R436	315-0131-00		RES., FXD, CMPSN: 130 OHM, 5%, 0.25W	01121	CB1315
A7R439	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A7R450	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A7TP115	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 1)	22526	47357
A7U10	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A7U15	156-0718-03		MICROCIRCUIT, DI: TRIPLE 3-INP NOR GATE	01295	SN74LS27
A7U20	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A7U25	156-0472-03		MICROCIRCUIT, DI: 13 INPUT NAND GATE, SCRN	01295	SN74S133
A7U30	156-0165-02		MICROCIRCUIT, DI: DUAL 4 INP NOR GATE	01295	SN7425
A7U35	156-0464-02		MICROCIRCUIT, DI: DUAL 4 INP NAND GATE	01295	SN74LS20
A7U40	156-0313-01		MICROCIRCUIT, DI: DUAL 2-INP NOR DRVR, CHK	80009	156-0313-01
A7U50	156-0462-02		MICROCIRCUIT, DI: HEX INVERTER, SCREENED	01295	SN7414
A7U55	156-1415-00		MICROCIRCUIT, DI: OCTAL GPIB XCVR MTG BUS	01295	SN75161
A7U60	156-1414-00		MICROCIRCUIT, DI: OCTAL GPIB XCVR DATA BUS	01295	SN75160
A7U80	156-0853-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, DUAL	27014	LM358N
A7U115	156-0487-01		MICROCIRCUIT, DI: DUAL RETRIG MONOSTABLE	80009	156-0487-01
A7U120	156-1172-01		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, BURN IN	01295	SN74LS393
A7U130	156-0323-02		MICROCIRCUIT, DI: HEX INVERTER, BURN-IN	01295	SN74S04
A7U135	156-0385-02		MICROCIRCUIT, DI: HEX INVERTER	01295	SN74LS04
A7U140	156-0180-04		MICROCIRCUIT, DI: QUAD 2 INP NAND GATE	01295	SN74S00NP3
A7U145	156-0852-02		MICROCIRCUIT, DI: HEX DRVR W/3 STATE INP	80009	156-0852-02
A7U155	156-1444-02		MICROCIRCUIT, DI: NMOS, GPIB ADAPTER	80009	156-1444-02
A7U210	156-0388-03		MICROCIRCUIT, DI: DUAL D FLIP-FLOP	07263	74LS74A
A7U220	156-0910-02		MICROCIRCUIT, DI: DUAL DECADE COUNTER	01295	SN74LS390
A7U225	156-0382-02		MICROCIRCUIT, DI: QUAD 2-INP NAND GATE	01295	SN74LS00
A7U230	156-0385-02		MICROCIRCUIT, DI: HEX INVERTER	01295	SN74LS04
A7U235	156-0165-02		MICROCIRCUIT, DI: DUAL 4 INP NOR GATE	01295	SN7425
A7U245	156-0738-04		MICROCIRCUIT, DI: HEX D FF W/CLEAR, BURN-IN	01295	SN74S174 (JP4)
A7U265	156-0853-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, DUAL	27014	LM358N
A7U275	156-0853-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, DUAL	27014	LM358N
A7U305	156-0789-02		MICROCIRCUIT, DI: 8 BIT SR, PRL LOAD, SCRN	80009	156-0789-02
A7U310	156-0651-02		MICROCIRCUIT, DI: 8 BIT PRL-OUTSER SHF RGTR	01295	SN74LS164
A7U315	156-0480-02		MICROCIRCUIT, DI: QUAD 2 INP & GATE	01295	SN74LS08NP3
A7U320	156-0388-03		MICROCIRCUIT, DI: DUAL D FLIP-FLOP	07263	74LS74A
A7U325	156-0382-02		MICROCIRCUIT, DI: QUAD 2-INP NAND GATE	01295	SN74LS00
A7U330	156-0696-02		MICROCIRCUIT, DI: QUAD CMPLM-OUTPUT & NAND	01295	SN74265J4
A7U335	156-0093-02		MICROCIRCUIT, DI: HEX INV BUFFER, BURN-IN	27014	DM8016

REPLACEABLE ELECTRICAL PARTS

I/O

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7U340	156-0738-02		MICROCIRCUIT,DI:QUAD HEX D FF W/CLEAR	80009	156-0738-02
A7U345	156-0323-02		MICROCIRCUIT,DI:HEX INVERTER,BURN-IN	01295	SN74S04
A7U350	156-0738-02		MICROCIRCUIT,DI:QUAD HEX D FF W/CLEAR	80009	156-0738-02
A7U355	156-0738-02		MICROCIRCUIT,DI:QUAD HEX D FF W/CLEAR	80009	156-0738-02
A7U360	156-0784-02		MICROCIRCUIT,DI:SYNC 4 BIT BINARY COUNTER	27014	DM74LS163ANA+
A7U365	156-0331-03		MICROCIRCUIT,DI:DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A7U405	156-1205-01		MICROCIRCUIT,DI:NMOS,PERIPHERAL INTFC ADPTR		
A7U410	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A7U415	156-1065-01		MICROCIRCUIT,DI:OCTAL D TYPE TRANS LATCHES	34335	AM74LS373
A7U420	156-1205-01		MICROCIRCUIT,DI:NMOS,PERIPHERAL INTFC ADPTR		
A7U430	156-1205-01		MICROCIRCUIT,DI:NMOS,PERIPHERAL INTFC ADPTR		
A7U435	156-0180-04		MICROCIRCUIT,DI:QUAD 2 INP NAND GATE	01295	SN74S00NP3
A7U437	156-0459-02		MICROCIRCUIT,DI:QUAD 2 INPUT & GATE,BURN	01295	SN74S08
A7U440	156-0541-02		MICROCIRCUIT,DI:DUAL 2 TO 4 LINE DCDR	01295	SN74LS139NP3
A7U445	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A7U447	156-0331-03		MICROCIRCUIT,DI:DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A7U450	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A7U453	156-0331-03		MICROCIRCUIT,DI:DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A7U455	156-0916-02		MICROCIRCUIT,DI:8-2 INP 3-STATE BFR,BURN	27014	DM81LS97
A7U457	156-0321-02		MICROCIRCUIT,DI:TRIPLE 3 INP NAND GATE	01295	SN74S10
A7U460	156-0865-02		MICROCIRCUIT,DI:OCTAL D-TYPE FF W/CLEAR	01295	SN74LS273NP3
A7U463	156-0331-03		MICROCIRCUIT,DI:DUAL D TYPE POSITIVE EDGE	80009	156-0331-03
A7U465	156-0865-02		MICROCIRCUIT,DI:OCTAL D-TYPE FF W/CLEAR	01295	SN74LS273NP3
A7U470	156-0865-02		MICROCIRCUIT,DI:OCTAL D-TYPE FF W/CLEAR	01295	SN74LS273NP3
A7VR70	152-0166-00		SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR163	152-0571-00		SEMICONV DEVICE:ZENER,0.4W,16V,5%	04713	SZ35014K1
A7VR168	152-0304-00		SEMICONV DEVICE:ZENER,0.4W,20V,5%	15238	Z5411
A7VR180	152-0166-00		SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR268	152-0166-00		SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A7VR282	152-0590-00		SEMICONV DEVICE:ZENER,18V,5% AT 7MA	04713	SZG35014K2

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A9 VECTOR GENERATOR					
A9	670-5667-04		CKT BOARD ASSY:VECTOR GENERATOR	80009	670-5667-04
A9C109	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C111	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C113	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C115	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C117	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C118	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C128	290-0167-00		CAP., FXD, ELCTLT: 10UF, 20%, 15V	56289	150D106X0015B2
A9C139	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C149	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C159	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C169	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C179	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C189	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C200	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C209	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C219	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C239	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C249	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C259	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C269	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C279	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C308	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C339	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C349	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C359	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C369	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C379	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C401	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C402	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C403	285-1050-00		CAP., FXD, PLSTC:0.1UF, 1%, 200V	14752	230B1C104F
A9C405	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C407	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C410	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C411	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C413	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C415	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C417	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A9C418	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C439	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C449	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C459	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C469	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C479	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C489	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C501	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C502	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A9C503	285-1050-00		CAP., FXD, PLSTC:0.1UF, 1%, 200V	14752	230B1C104F
A9C539	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C549	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C559	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C569	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C579	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C589	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C605	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Mcdel No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A9C610	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C613	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C615	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A9C618	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C649	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C659	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C669	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C689	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C707	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A9C749	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C759	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C769	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9C789	283-0422-00		CAP., FXD, CER DI: 0.047UF, +80-20%, 50V	04222	DG015E473Z
A9J306A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A9J306B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A9J314A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A9J314B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A9L111	108-0598-00		COIL, RF: 200UH	80009	108-0598-00
A9L117	108-0598-00		COIL, RF: 200UH	80009	108-0598-00
A9L410	108-0598-00		COIL, RF: 200UH	80009	108-0598-00
A9L419	108-0598-00		COIL, RF: 200UH	80009	108-0598-00
A9P330	131-1994-00		CONN, RCP, ELEC:CKT BD, 10 CONTACT MALE (QUANTITY OF 2)	27264	22-16-2101
A9Q105	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q200	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q205	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q300	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q305	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q400	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q500	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q600	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q603	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A9Q605	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q607	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9Q705	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A9R103	311-1281-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.5W	32997	3329W-L58-252
A9R113	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A9R203	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9R204	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R205	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R209	321-0139-00		RES., FXD, FILM: 274 OHM, 1%, 0.125W	91637	MFF1816G274ROF
A9R214	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R215	321-0204-00		RES., FXD, FILM: 1.3K OHM, 1%, 0.125W	91637	MFF1816G1300OF
A9R216	321-0097-00		RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R217	321-0097-00		RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R222	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A9R285	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A9R286	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A9R306	321-0105-00		RES., FXD, FILM: 121 OHM, 1%, 0.125W	91637	MFF1816G121ROF
A9R308	321-0105-00		RES., FXD, FILM: 121 OHM, 1%, 0.125W	91637	MFF1816G121ROF
A9R309	315-0132-00		RES., FXD, CMPSN: 1.3K OHM, 5%, 0.25W	01121	CB1325
A9R321	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.5CW	73138	72-28-0
A9R323	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A9R324	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A9R405	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9R421	311-2071-00		RES., VAR, NONWIR: CKT BD, 2K OHM, 20%, 0.5W	01121	E4C202
A9R475	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A9R504	315-0132-00		RES., FXD, CMPSN: 1.3K OHM, 5%, 0.25W	01121	CB1325
A9R505	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9R507	321-0105-00		RES., FXD, FILM: 121 OHM, 1%, 0.125W	91637	MFF1816G121ROF
A9R509	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A9R601	321-0105-00		RES., FXD, FILM: 121 OHM, 1%, 0.125W	91637	MFF1816G121ROF
A9R615	321-0097-00		RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R616	321-0204-00		RES., FXD, FILM: 1.3K OHM, 1%, 0.125W	91637	MFF1816G13000F
A9R617	321-0097-00		RES., FXD, FILM: 100 OHM, 1%, 0.125W	91637	MFF1816G100ROF
A9R621	311-2071-00		RES., VAR, NONWIR: CKT BD, 2K OHM, 20%, 0.5W	01121	E4C202
A9R702	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R703	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R704	321-0139-00		RES., FXD, FILM: 274 OHM, 1%, 0.125W	91637	MFF1816G274ROF
A9R706	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9R708	311-1281-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.5W	32997	3329W-L58-252
A9R711	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A9R712	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A9R715	311-1198-00		RES., VAR, NONWIR: 20K OHM, 20%, 0.5W	73138	72-29-0
A9R716	315-0563-00		RES., FXD, CMPSN: 56K OHM, 5%, 0.25W	01121	CB5635
A9TP405	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A9TP505	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A9TP560	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A9U135	156-0844-00		MICROCIRCUIT, DI: SYNC 4-BIT BIN COUNTER	34335	SN74LS161N
A9U145	156-0480-00		MICROCIRCUIT, DI: QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A9U155	156-0030-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)
A9U165	156-0464-00		MICROCIRCUIT, DI: DUAL 4-INPUT NAND GATE	07263	74LS20PC OR DC
A9U175	156-0120-00		MICROCIRCUIT, DI: SINGLE 4-BIT R/L SHIFT REG	80009	156-0120-00
A9U185	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U210	156-0162-00		MICROCIRCUIT, LI: DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A9U235	156-0385-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0385-00
A9U245	156-0311-00		MICROCIRCUIT, DI: 6-BIT BINARY RATE MULT	80009	156-0311-00
A9U255	156-0311-00		MICROCIRCUIT, DI: 6-BIT BINARY RATE MULT	80009	156-0311-00
A9U265	156-0311-00		MICROCIRCUIT, DI: 6-BIT BINARY RATE MULT	80009	156-0311-00
A9U275	156-0311-00		MICROCIRCUIT, DI: 6-BIT BINARY RATE MULT	80009	156-0311-00
A9U315	156-1329-00		MICROCIRCUIT, LI: D/A CONVERTER	24355	AD565JD
A9U335	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U345	156-0391-00		MICROCIRCUIT, DI: HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U355	156-0391-00		MICROCIRCUIT, DI: HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U365	156-0391-00		MICROCIRCUIT, DI: HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U375	156-0391-00		MICROCIRCUIT, DI: HEX LATCH WITH CLEAR	04713	74LS174(N OR J)
A9U435	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U445	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U455	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U465	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U475	156-0385-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0385-00
A9U485	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A9U515	156-1329-00		MICROCIRCUIT, LI: D/A CONVERTER	24355	AD565JD
A9U535	156-0093-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0093-00
A9U545	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U555	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U565	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A9U575	156-0041-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	27014	DM7474N
A9U585	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U610	156-0162-00		MICROCIRCUIT, LI: DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A9U645	156-0381-00		MICROCIRCUIT, DI: QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U655	156-0381-00		MICROCIRCUIT, DI: QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U665	156-0381-00		MICROCIRCUIT, DI: QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U675	156-0916-00		MICROCIRCUIT, DI: EIGHT 2-INP 3-STATE BFR	80009	156-0916-00

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A9U685	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U745	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U755	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U765	156-0381-00		MICROCIRCUIT,DI:QUAD 2-INPUT EXCL OR GATES	80009	156-0381-00
A9U775	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9U785	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A9VR110	152-0055-00		SEMICONV DEVICE:ZENER,0.4W,11V,5%	04713	SZG35009K1
A9VR219	152-0395-00		SEMICONV DEVICE:ZENER,0.4W,4.3V,5%	14552	TD332317
A9VR625	152-0055-00		SEMICONV DEVICE:ZENER,0.4W,11V,5%	04713	SZG35009K1
A9VR710	152-0395-00		SEMICONV DEVICE:ZENER,0.4W,4.3V,5%	14552	TD332317

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A10 DISPLAY CONTROLLER					
A10	670-5672-04		KCT BOARD ASSY:DISPLAY CONTROLLER	80009	670-5672-04
A10C5	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C10	283-0197-00		CAP., FXD, CER DI:470PF, 5%, 100V	72982	8121N075COG0471J
A10C20	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C35	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C45	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C100	290-0135-00		CAP., FXD, ELCTLT:15UF, 20%, 20V	56289	150D156X0020B2
A10C105	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C110	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C115	290-0748-00		CAP., FXD, ELCTLT:10UF, +50-10%, 20V	56289	500D149
A10C120	290-0135-00		CAP., FXD, ELCTLT:15UF, 20%, 20V	56289	150D156X0020B2
A10C125	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C230	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C245	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C325	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C335	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C340	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C412	283-0204-00		CAP., FXD, CER DI:0.01UF, 20%, 50V	72982	8121N061Z5U0103M
A10C420	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C430	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C450	283-0197-00		CAP., FXD, CER DI:470PF, 5%, 100V	72982	8121N075COG0471J
A10C510	283-0600-00		CAP., FXD, MICA D:43PF, 5%, 500V	00853	D105E430J0
A10C520	283-0195-00		CAP., FXD, CER DI:680PF, 5%, 50V	72982	8121N075COG0681J
A10C522	283-0195-00		CAP., FXD, CER DI:680PF, 5%, 50V	72982	8121N075COG0681J
A10C525	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C535	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C630	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C640	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C720	283-0422-00		CAP., FXD, CER DI:0.047UF, +80-20%, 50V	04222	DG015E473Z
A10C722	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	04222	SA205E104MAA
A10C724	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	04222	SA205E104MAA
A10C740	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C744	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C745	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10C750	283-0111-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A10CR300	152-0075-00		SEMICONV DEVICE:GE, 25V, 40MA	14433	G866
A10CR310	152-0061-00		SEMICONV DEVICE:SILICON, 175V, 100MA	07263	FDH2161
A10CR320	152-0075-00		SEMICONV DEVICE:GE, 25V, 40MA	14433	G866
A10J304A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A10J304B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A10J305A	131-1425-00		CONTACT SET, ELE:R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A10J305B	131-1426-00		CONTACT SET, ELE:R ANGLE, 0.250L, STRIP OF 36	22526	65524-136
A10J307	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 9)	22526	47357
A10J308	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 4)	22526	47357
A10J510	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A10L520	108-0538-00		COIL, RF:2.7UH	76493	70F276A1
A10Q500	151-0183-00		TRANSISTOR:SILICON, NPN	27014	NS12063
A10Q600	151-0224-00		TRANSISTOR:SILICON, NPN	07263	SA24850
A10Q700	151-0224-00		TRANSISTOR:SILICON, NPN	07263	SA24850
A10R5	315-0302-00		RES., FXD, CMPSN:3K OHM, 5%, 0.25W	01121	CB3025
A10R10	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A10R25	315-0242-00		RES., FXD, CMPSN:2.4K OHM, 5%, 0.25W	01121	CB2425

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A10R300	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A10R310	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R350	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R355	311-1915-00		RES., VAR, NONWIR: 20K OHM, 10%, 0.50W	73138	72-196-0
A10R400	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R401	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R402	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R410	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A10R412	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R450	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R455	311-1915-00		RES., VAR, NONWIR: 20K OHM, 10%, 0.50W	73138	72-196-0
A10R500	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R501	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R502	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R503	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A10R510	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A10R520	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A10R521	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A10R522	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R523	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R710	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10R715	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A10R720	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R721	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R722	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R725	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R726	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R727	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R730	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R731	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A10R732	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A10R740	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R741	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A10R742	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R743	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R744	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R745	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R746	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R747	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A10R748	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R750	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10R751	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A10R752	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A10R753	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A10R754	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A10U20	156-0733-00		MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A10U25	156-0804-00		MICROCIRCUIT, DI: QUADRUPLE S-R LATCH	07263	74LS279PC
A10U35	156-0382-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U40	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U45	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U120	156-0118-00		MICROCIRCUIT, DI: J-K MASTER-SLAVE FLIP-FLOP	80009	156-0118-00
A10U125	156-0388-00		MICROCIRCUIT, DI: DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U130	156-0480-00		MICROCIRCUIT, DI: QUAD 2-INPUT AND GATE	01295	SN74LS08(N OR J)
A10U135	156-0718-00		MICROCIRCUIT, DI: TRIPLE 3-INPUT POS-NOR GATES	80009	156-0718-00
A10U140	156-0789-00		MICROCIRCUIT, DI: 8-BIT SR, PRL LOAD	80009	156-0789-00
A10U145	156-0412-00		MICROCIRCUIT, DI: 4-BIT BIN UP/DOWN COUNTER	01295	SN74LS193N
A10U220	156-0172-00		MICROCIRCUIT, DI: DUAL RETRIG ONE-SHOT W/CLR	80009	156-0172-00

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A10U225	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U230	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U235	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U240	156-0789-00		MICROCIRCUIT,DI:8-BIT SR,PRL LOAD	80009	156-0789-00
A10U245	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U320	156-0386-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	04713	SN74LS10N OR J
A10U325	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U330	156-0804-00		MICROCIRCUIT,DI:QUADRUPLE S-R LATCH	07263	74LS279PC
A10U335	156-0703-00		MICROCIRCUIT,DI:4-2-3-2 INPUTAND-OR GATES	07263	74S64PC
A10U340	156-0385-00		MICROCIRCUIT,DI:HEX.INVERTER	80009	156-0385-00
A10U345	156-0735-00		MICROCIRCUIT,DI:4-BIT BISTABLE LATCH	80009	156-0735-00
A10U420	156-0323-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN74S04N
A10U425	156-0481-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT AND GATE	07263	74LS11(PC OR DC)
A10U430	156-0385-00		MICROCIRCUIT,DI:HEX.INVERTER	80009	156-0385-00
A10U435	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U440	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U445	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A10U525	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U530	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10U535	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U540	156-1172-01		MICROCIRCUIT,DI:DUAL 4 BIT CNTR,BURN IN	01295	SN74LS393
A10U545	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A10U620	156-0733-00		MICROCIRCUIT,DI:DUAL MONOSTABLE MV	80009	156-0733-00
A10U625	156-0733-00		MICROCIRCUIT,DI:DUAL MONOSTABLE MV	80009	156-0733-00
A10U630	156-0731-00		MICROCIRCUIT,DI:DUAL J-K FF W/PRESET & CLR	01295	SN74LS76A
A10U635	156-0386-00		MICROCIRCUIT,DI:TRIPLE 3-INPUT NAND GATE	04713	SN74LS10N OR J
A10U640	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U645	156-0916-00		MICROCIRCUIT,DI:EIGHT 2-INP 3-STATE BFR	80009	156-0916-00
A10U720	156-0411-00		MICROCIRCUIT,LI:QUAD-COMP,SGL SUPPLY	27014	LM339N
A10U725	156-0994-00		MICROCIRCUIT,DI:8 INPUT DATA SEL/MUX	01295	SN74LS151N OR J
A10U730	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A10U735	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A10Y610	158-0135-00		XTAL UNIT,QTZ:14.7456 MHZ,0.01%,SERIES	01807	0BD

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A11 DEFLECTION AMPLIFIER					
A11	672-0783-05		CKT BOARD ASSY:DEFLECTION AMPLIFIER	80009	672-0783-05
A11	672-1025-00		CKT BOARD ASSY:DEFLECTION AMPLIFIER (OPTION 31 ONLY)	80009	672-1025-00
A11C5	290-0301-00		CAP., FXD, ELCLT: 10UF, 10%, 20V	56289	150D106X9020B2
A11C10	290-0301-00		CAP., FXD, ELCLT: 10UF, 10%, 20V	56289	150D106X9020B2
A11C60	290-0745-00		CAP., FXD, ELCLT: 22UF, +50-10%, 25V	56289	502D225
A11C62	290-0745-00		CAP., FXD, ELCLT: 22UF, +50-10%, 25V	56289	502D225
A11C70	281-0759-00		CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C75	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C91	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C100	285-1098-00		CAP., FXD, PLSTC: 0.22UF, 10%, 80V	56289	192P2249R8
A11C105	285-1098-00		CAP., FXD, PLSTC: 0.22UF, 10%, 80V	56289	192P2249R8
A11C129	283-0114-00		CAP., FXD, CER DI: 0.0015UF, 5%, 200V	72982	805-509B152J
A11C130	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C143	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C144	283-0114-00		CAP., FXD, CER DI: 0.0015UF, 5%, 200V	72982	805-509B152J
A11C173	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C177	281-0759-00		CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C19C	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A11C194	281-0772-00		CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A11C230	281-0788-00		CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A11C233	281-0788-00		CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A11C243	285-0629-00		CAP., FXD, PLSTC: 0.047UF, 20%, 100V	56289	410P47301
A11C244	281-0759-00		CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C263	285-0629-00		CAP., FXD, PLSTC: 0.047UF, 20%, 100V	56289	410P47301
A11C264	281-0759-00		CAP., FXD, CER DI: 22PF, 10%, 100V	72982	8035D9AADC1G220K
A11C275	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A11C293	283-0142-00		CAP., FXD, CER DI: 0.0027UF, 5%, 200V (REMOVED FOR OPTION 31)	59660	875-571-Y5E0272J
A11C294	283-0142-00		CAP., FXD, CER DI: 0.0027UF, 5%, 200V (REMOVED FOR OPTION 31)	59660	875-571-Y5E0272J
A11C494	283-0142-00		CAP., FXD, CER DI: 0.0027UF, 5%, 200V (OPTION 31 ONLY)	59660	875-571-Y5E0272J
A11C496	281-0772-00		CAP., FXD, CER DI: 0.0047UF, 10%, 100V	04222	GC701C472K
A11C497	281-0811-00		CAP., FXD, CER DI: 10PF, 10%, 100V	72982	8035D2AADC1G100K
A11C499	283-0142-00		CAP., FXD, CER DI: 0.0027UF, 5%, 200V (OPTION 31 ONLY)	59660	875-571-Y5E0272J
A11CR25	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR27	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR45	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR47	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11CR80	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR91	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR93	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR95	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR180	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR182	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR191	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR192	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR193	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR195	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR198	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR270	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR272	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR280	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11CR282	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR295	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR296	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR345	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR346	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR365	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR366	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR375	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR385	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR494	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR495	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR496	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR497	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11CR498	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11Q10	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
A11Q20	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
A11Q40	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
A11Q60	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
A11Q80	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q85	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q90	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q95	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q180	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q185	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q190	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A11Q195	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q205	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q291	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q292	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q305	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q308	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q378	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11Q399	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A11R10	308-0242-00		RES., FXD, WW: 0.25 OHM, 5%, 5W	91637	RS2A-ER2500K
A11R25	307-0593-00		RES., FXD, FOIL: 0.25 OHM, 5%	80009	307-0593-00
A11R28	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R30	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R35	307-0551-01		RES NTWK, THK FI: YOKE TERMINATION	80009	307-0551-01
A11R40	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R42	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A11R45	307-0593-00		RES., FXD, FOIL: 0.25 OHM, 5%	80009	307-0593-00
A11R60	311-1241-00		RES., VAR, NONWIR: 100K OHM, 10%, 0.5W	32997	3386X-T07-104
A11R61	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R63	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R71	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A11R73	321-0286-00		RES., FXD, FILM: 9.31K OHM, 1%, 0.125W	91637	MFF1816G93100F
A11R75	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R76	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R78	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R81	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R83	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R85	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R87	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R89	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R90	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R91	321-0304-00		RES., FXD, FILM: 14.3K OHM, 1%, 0.125W	91637	MFF1816G14301F
A11R92	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11R95	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1015
A11R96	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R98	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (REMOVE FOR OPTION 31)	01121	CB1015
A11R101	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R102	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A11R106	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R107	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A11R108	321-0236-00		RES., FXD, FILM: 2.8K OHM, 1%, 0.125W	91637	MFF1816G28000F
A11R109	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R110	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11R123	321-0112-00		RES., FXD, FILM: 143 OHM, 1%, 0.125W	91637	MFF1816G143ROF
A11R125	311-1244-00		RES., VAR, NONWIR: 100 OHM, 10%, 0.50W	32997	3386X-T07-101
A11R127	321-0176-00		RES., FXD, FILM: 665 OHM, 1%, 0.125W	91637	MFF1816G665ROF
A11R127	321-0180-00		RES., FXD, FILM: 732 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G732ROF
A11R128	315-0433-00		RES., FXD, CMPSN: 43K OHM, 5%, 0.25W	01121	CB4335
A11R129	315-0564-00		RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A11R135	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R140	321-0181-00		RES., FXD, FILM: 750 OHM, 1%, 0.125W	91637	MFF1816G750ROF
A11R140	321-0185-00		RES., FXD, FILM: 825 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G825ROF
A11R142	315-0433-00		RES., FXD, CMPSN: 43K OHM, 5%, 0.25W	01121	CB4335
A11R143	315-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.25W	01121	CB2245
A11R145	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R146	321-0179-00		RES., FXD, FILM: 715 OHM, 1%, 0.125W	91637	MFF1816G715ROF
A11R146	321-0183-00		RES., FXD, FILM: 787 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G787ROF
A11R147	321-0184-00		RES., FXD, FILM: 806 OHM, 1%, 0.125W	91637	MFF1816G806ROF
A11R147	321-0188-00		RES., FXD, FILM: 887 OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G887ROF
A11R149	321-0112-00		RES., FXD, FILM: 143 OHM, 1%, 0.125W	91637	MFF1816G143ROF
A11R150	311-1244-00		RES., VAR, NONWIR: 100 OHM, 10%, 0.50W	32997	3386X-T07-101
A11R160	311-1241-00		RES., VAR, NONWIR: 100K OHM, 10%, 0.5W	32997	3386X-T07-104
A11R167	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R169	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R170	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R172	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11R175	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R178	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A11R179	321-0286-00		RES., FXD, FILM: 9.31K OHM, 1%, 0.125W	91637	MFF1816G93100F
A11R180	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R183	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R185	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R187	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R189	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R191	321-0371-00		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A11R194	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R195	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R196	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R197	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R198	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A11R199	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R201	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R202	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R203	321-0208-00		RES., FXD, FILM: 1.43K OHM, 1%, 0.125W	91637	MFF1816G14300F

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A11R204	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R205	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R206	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R208	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R209	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R210	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R211	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11R212	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A11R213	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R221	311-1239-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.50W	73138	72-26-0
A11R222	311-1237-00		RES., VAR, NONWIR: 1K OHM, 10%, 0.50W	32997	3386X-T07-102
A11R225	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R228	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R231	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R232	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R240	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A11R260	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A11R273	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R274	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R283	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R284	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R293	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R294	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R295	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R296	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11R300	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A11R301	315-0362-00		RES., FXD, CMPSN: 3.6K OHM, 5%, 0.25W	01121	CB3625
A11R303	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R304	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R305	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A11R306	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R307	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11R309	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R310	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A11R325	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A11R326	321-0277-00		RES., FXD, FILM: 7.5K OHM, 1%, 0.125W	91637	MFF1816G75000F
A11R327	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11R328	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11R329	321-0330-00		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W	91637	MFF1816G26701F
A11R330	321-0264-00		RES., FXD, FILM: 5.49K OHM, 1%, 0.125W	91637	MFF1816G54900F
A11R330	321-0252-00		RES., FXD, FILM: 4.12K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G41200F
A11R332	321-0312-00		RES., FXD, FILM: 17.4K OHM, 1%, 0.125W	91637	MFF1816G17401F
A11R333	321-0397-00		RES., FXD, FILM: 133K OHM, 1%, 0.125W	91637	MFF1816G13302F
A11R335	321-0336-00		RES., FXD, FILM: 30.9K OHM, 1%, 0.125W	91637	MFF1816G30901F
A11R335	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G29401F
A11R337	321-0386-00		RES., FXD, FILM: 102K OHM, 1%, 0.125W	91637	MFF1816G10202F
A11R337	321-0373-00		RES., FXD, FILM: 75K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G75001F
A11R339	321-0264-00		RES., FXD, FILM: 5.49K OHM, 1%, 0.125W	91637	MFF1816G54900F
A11R339	321-0252-00		RES., FXD, FILM: 4.12K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G41200F
A11R340	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A11R341	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R343	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A11R344	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11R348	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R350	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R360	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A11R361	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R363	315-0304-00		RES., FXD, CMPSN: 300K OHM, 5%, 0.25W	01121	CB3045
A11R364	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R367	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R368	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A11R370	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R371	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R373	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R376	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A11R380	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R381	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R383	315-0154-00		RES., FXD, CMPSN: 150K OHM, 5%, 0.25W	01121	CB1545
A11R386	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A11R389	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R391	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A11R392	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A11R393	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11R394	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11R395	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A11R396	315-0364-00		RES., FXD, CMPSN: 360K OHM, 5%, 0.25W	01121	CB3645
A11R397	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A11R398	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A11R399	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11R494	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A11R495	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11R496	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A11R497	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A11R498	315-0364-00		RES., FXD, CMPSN: 360K OHM, 5%, 0.25W	01121	CB3645
A11R499	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A11U65	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U65	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U95	156-0733-00		MICROCIRCUIT, DI: DUAL MONOSTABLE MV	80009	156-0733-00
A11U95	156-0733-02		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRNM (OPTION 31 ONLY)	04713	SN74LS221N/J
A11U165	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U165	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U225	155-0154-00		MICROCIRCUIT, LI: CHANNEL SWITCH	80009	155-0154-00
A11U230	155-0152-01		MICROCIRCUIT, LI: GEOMETRY & FOCUS CORR	80009	155-0152-01
A11U245	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U245	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U265	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U265	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U275	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U275	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U285	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LM318N
A11U285	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3
A11U291	156-0742-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27C14	LM318N
A11J291	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL (OPTION 31 ONLY)	01295	LM318P3

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11U295	156-0096-00		MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A11U295	156-0096-02		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,SCRN (OPTION 31 ONLY)	27014	LM311H/A+
A11U297	156-0072-00		MICROCIRCUIT,DI:MONOSTABLE MV,TTL,14 DIP	01295	SN74121(N OR J)
A11U297	156-0072-02		MICROCIRCUIT,DI:MONOSTABLE MV,BURN-IN (OPTION 31 ONLY)	01295	SN74121
A11VR103	152-0166-00		SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A11VR104	152-0166-00		SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	SZ11738
A11VR285	131-0566-01		BUS,CONDUCTOR:DUMMY RES,2.375,22 AWG(64) (OPTION 31 ONLY)	80009	131-0566-01
A11VR347	152-0195-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755
A11VR349	152-0195-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755
A11VR367	152-0195-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755
A11VR369	152-0195-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZ11755
A11VR493	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG (OPTION 31 ONLY)	55210	L-2007-1
A11W285	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1
A11W493	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12 STORAGE					
A12	672-0795-06		CKT BOARD ASSY:STORAGE	80009	672-0795-06
	-----		(OPTION 31 ONLY)		
A12C9	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C11	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C13	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C15	283-0002-00		CAP., FXD, CER DI: 0.01UF, +80-20%, 500V	91418	SM103Z5014R9
A12C18	283-0013-00		CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
A12C37	283-0029-00		CAP., FXD, CER DI: 0.005UF, 5%, 500V	72982	821-000B502J
A12C67	283-0035-00		CAP., FXD, CER DI: 0.0015UF, 20%, 400V	72982	811-000Z5U0152Z
A12C78	281-0603-00		CAP., FXD, CER DI: 39PF, 5%, 500V	59660	308-000C0G0390J
A12C109	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C110	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C120	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C121	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C125	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C126	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C130	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C132	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C135	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C143	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C153	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C159	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C164	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C165	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C168	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A12C171	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A12C178	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C209	290-0288-00		CAP., FXD, ELCTLT: 0.27UF, 10%, 35V	56289	162D274X9035BC2
A12C214	281-0767-00		CAP., FXD, CER DI: 330PF, 20%, 100V	12969	CGB331MEX
A12C215	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C225	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C226	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A12C227	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	04222	SA205E104MAA
A12C245	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C281	290-0263-00		CAP., FXD, ELCTLT: 2.7UF, 15V	56289	162D275X9015CD2
A12C282	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
A12C288	290-0301-00		CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
A12C345	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C346	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12C347	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V	72982	8035D9AADX7R102K
A12CR32	152-0107-00		SEMICONV DEVICE: SILICON, 400V, 400MA	01295	G727
A12CR70	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR80	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR86	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR114	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR124	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR186	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR208	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR221	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR243	152-0075-00		SEMICONV DEVICE: GE, 25V, 40MA	14433	G866
A12CR273	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR278	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12CR288	152-0333-00		SEMICONV DEVICE: SILICON, 55V, 200MA	07263	FDH-6012
A12M365	149-0030-00		METER, T TOTAL: ELAPSED TIME, DC, CKT BD MT	18583	21985-000
A12M366	149-0030-00		METER, T TOTAL: ELAPSED TIME, DC, CKT BD MT	18583	21985-000

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12Q15	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q25	152-0423-00		SEMICONV DEVICE: SILICON, 400V, 3A	04713	1N5000
A12Q28	152-0169-00		SEMICONV DEVICE: TUNNEL, 1MA, 10PF	83508	1N3712
A12Q29	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q35	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q36	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q38	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q45	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q55	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q65	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q66	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q68	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q73	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q75	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q84	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q85	151-0423-00		TRANSISTOR: SILICON, NPN	51984	NTC2333L
A12Q86	151-0169-00		TRANSISTOR: SILICON, NPN	04713	ST830
A12Q185	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q186	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q190	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A12Q261	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q264	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q265	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A12Q269	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q270	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A12Q275	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A12Q276	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A12Q290	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A12Q335	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A12Q350	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A12R8	307-0103-00		RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A12R9	307-0103-00		RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A12R14	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R15	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R18	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R23	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R26	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R27	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R30	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R37	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R38	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R40	304-0184-00		RES., FXD, CMPSN: 180K OHM, 10%, 1W	01121	GB1841
A12R43	305-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R46	305-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R50	305-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R53	305-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 2W	01121	HB2035
A12R56	323-0459-00		RES., FXD, FILM: 590K OHM, 1%, 0.50W	91637	MF1226G59002F
A12R59	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R60	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R61	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R62	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A12R63	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A12R64	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R70	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R72	301-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.50W	01121	EB2245
A12R73	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
	-----		(OPTION 31 ONLY)		

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12R73	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R74	323-0429-00		RES., FXD, FILM: 287K OHM, 1%, 0.5W	91637	MFF1226G28702F
A12R76	323-0429-00		RES., FXD, FILM: 287K OHM, 1%, 0.5W	91637	MFF1226G28702F
A12R78	301-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.50W	01121	EB2245
A12R86	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R88	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R89	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R90	305-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 2W	01121	HB8235
A12R93	323-0381-00		RES., FXD, FILM: 90.9K OHM, 1%, 0.50W	75042	CECT0-9092F
A12R95	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R109	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R110	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R112	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R114	315-0391-00		RES., FXD, CMPSN: 390 OHM, 5%, 0.25W	01121	CB3915
A12R125	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A12R126	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A12R127	315-0514-00		RES., FXD, CMPSN: 510K OHM, 5%, 0.25W	01121	CB5145
A12R129	315-0224-00		RES., FXD, CMPSN: 220K OHM, 5%, 0.25W	01121	CB2245
A12R132	321-0333-00		RES., FXD, FILM: 28.7K OHM, 1%, 0.125W	91637	MFF1816G28701F
A12R135	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R136	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R145	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W	91637	MFF1816G29401F
A12R146	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R147	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R154	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R156	321-0328-00		RES., FXD, FILM: 25.5K OHM, 1%, 0.125W	91637	MFF1816G25501F
A12R157	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R169	321-0334-00		RES., FXD, FILM: 29.4K OHM, 1%, 0.125W	91637	MFF1816G29401F
A12R174	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R175	321-0237-00		RES., FXD, FILM: 2.87K OHM, 1%, 0.125W	91637	MFF1816G28700F
A12R180	321-0304-00		RES., FXD, FILM: 14.3K OHM, 1%, 0.125W	91637	MFF1816G14301F
A12R181	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R183	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R185	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R186	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A12R187	321-0311-00		RES., FXD, FILM: 16.9K OHM, 1%, 0.125W	91637	MFF1816G16901F
A12R188	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A12R189	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R190	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A12R191	321-0316-00		RES., FXD, FILM: 19.1K OHM, 1%, 0.125W	91637	MFF1816G19101F
A12R192	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A12R193	321-0316-00		RES., FXD, FILM: 19.1K OHM, 1%, 0.125W	91637	MFF1816G19101F
A12R194	321-0323-00		RES., FXD, FILM: 22.6K OHM, 1%, 0.125W	91637	MFF1816G22601F
A12R195	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R197	311-1240-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	73138	72-30-0
A12R198	311-1940-00		RES., VAR, NONWIR: TRMR, 200K OHM, 10%	73138	72-206-0
A12R208	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R209	315-0510-00		RES., FXD, CMPSN: 51 OHM, 5%, 0.25W	01121	CB5105
A12R210	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R211	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R212	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R213	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R214	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R220	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A12R224	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R225	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A12R226	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A12R238	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R245	315-0301-00		RES., FXD, CMPSN: 300 OHM, 5%, 0.25W	01121	CB3015
A12R247	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R254	316-0126-00		RES., FXD, CMPSN: 12M OHM, 10%, 0.25W	01121	CB1261
A12R255	316-0126-00		RES., FXD, CMPSN: 12M OHM, 10%, 0.25W	01121	CB1261
A12R256	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R258	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A12R260	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R261	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R264	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R265	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W	01121	CB1515
A12R267	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R270	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R271	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A12R272	321-0341-00		RES., FXD, FILM: 34.8K OHM, 1%, 0.125W	91637	MFF1816G34801F
A12R274	315-0432-00		RES., FXD, CMPSN: 4.3K OHM, 5%, 0.25W	01121	CB4325
A12R276	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A12R279	321-0345-00		RES., FXD, FILM: 38.3K OHM, 1%, 0.125W	91637	MFF1816G38301F
A12R280	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A12R281	321-0436-00		RES., FXD, FILM: 340K OHM, 1%, 0.125W	91637	MFF1816G34002F
A12R287	321-0390-00		RES., FXD, FILM: 113K OHM, 1%, 0.125W	91637	MFF1816G11302F
A12R288	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A12R290	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A12R291	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A12R292	321-0301-00		RES., FXD, FILM: 13.3K OHM, 1%, 0.125W	91637	MFF1816G13301F
A12R295	311-1935-00		RES., VAR, NONWIR: TRMR, 50K OHM, 10%, 0.50W	32997	3299X-R27-503
A12R335	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R336	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A12R337	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A12R345	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A12R390	308-0165-00		RES., FXD, WW: 0.5 OHM, 5%, 5W	63743	17951
A12RT389	307-0350-00		RES., THERMAL: 7.5 OHM, 10%, 3.9%/DEG C	15454	75DJ7R5R0220SS
A12RT390	307-0350-00		RES., THERMAL: 7.5 OHM, 10%, 3.9%/DEG C	15454	75DJ7R5R0220SS
A12TP91	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP91	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP92	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP92	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP93	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP93	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP94	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A12TP94	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12TP95	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
	-----		(OPTION 31 ONLY)		
A12U110	156-0371-00		MICROCIRCUIT, DI: QUAD 2-INPUT NAND ST	80009	156-0371-00
A12U115	156-0617-02		MICROCIRCUIT, DI: DUAL 4 BIT CNTR, SCRN	01295	SN74393NP3
A12U125	156-0462-02		MICROCIRCUIT, DI: HEX INVERTER, SCREENED	01295	SN7414
A12U136	156-0733-02		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U147	156-0093-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0093-00
A12U154	156-0093-00		MICROCIRCUIT, DI: HEX. INVERTER	80009	156-0093-00
A12U164	156-0733-02		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U175	156-0733-02		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, SCRN	04713	SN74LS221N/J
A12U215	156-0462-02		MICROCIRCUIT, DI: HEX INVERTER, SCREENED	01295	SN7414
A12U225	156-0402-02		MICROCIRCUIT, LI: TIMER, CHK	27014	LM555CN/A+

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A12U235	156-0030-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)
A12U245	156-0371-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND ST	80009	156-0371-00
A12VR277	152-0279-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZG35010RL
A12VR287	152-0279-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	04713	SZG35010RL

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13 HIGH VOLTAGE & Z-AXIS					
A13	672-0807-00		CKT BOARD ASSY:HIGH VOLTAGE & Z-AXIS	80009	672-0807-01
A13	672-1026-01		CKT BOARD ASSY:Z-AXIS HIGH VOLTAGE (OPTION 31 ONLY)	80009	672-1026-01
A13C13	290-0745-00		CAP., FXD, ELCTLT:22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C16	290-0745-00		CAP., FXD, ELCTLT:22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C19	290-0745-00		CAP., FXD, ELCTLT:22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C25	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	04222	SA205E104MAA
A13C35	290-0846-00		CAP., FXD, ELCTLT:47UF, -10+75%, 35 WVDC (OPTION 31 ONLY)	54473	ECE-A35V47LU
A13C36	283-0013-00		CAP., FXD, CER DI:0.01UF, +100-0%, 1000V (OPTION 31 ONLY)	56289	33C29A7
A13C44	285-0604-00		CAP., FXD, PLSTC:0.01UF, 20%, 400V (STANDARD ONLY)	01002	64F22DB103
A13C45	285-0604-00		CAP., FXD, PLSTC:0.01UF, 20%, 400V (STANDARD ONLY)	01002	64F22DB103
A13C55	290-0312-00		CAP., FXD, ELCTLT:47UF, 10%, 35V (STANDARD ONLY)	56289	150D476X9035S2
A13C67	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C68	285-1137-00		CAP., FXD, PLSTC:0.0047UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P472980
A13C75	285-1137-00		CAP., FXD, PLSTC:0.0047UF, 10%, 8000V (STANDARD ONLY)	56289	430P472980
A13C97	285-0507-01		CAP., FXD, PPR DI:0.0047UF, 20%, 6000V (STANDARD ONLY)	56289	430P472060
A13C111	290-0745-00		CAP., FXD, ELCTLT:22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13C112	290-0745-00		CAP., FXD, ELCTLT:22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13C122	281-0763-00		CAP., FXD, CER DI:47PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC1G470K
A13C126	281-0763-00		CAP., FXD, CER DI:47PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADC1G470K
A13C127	283-0013-00		CAP., FXD, CER DI:0.01UF, +100-0%, 1000V (OPTION 31 ONLY)	56289	33C29A7
A13C128	283-0001-00		CAP., FXD, CER DI:0.005UF, +100-0%, 500V (OPTION 31 ONLY)	72982	831-559E502P
A13C136	283-0345-00		CAP., FXD, CER DI:1000PF, 10%, 10,000V (OPTION 31 ONLY)	72982	3910BW324X5R102Z
A13C137	281-0755-00		CAP., FXD, CER DI:1.8PF, 0.1%, 500V (STANDARD ONLY)	72982	314021COK0189B
A13C138	283-0008-00		CAP., FXD, CER DI:0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C139	283-0008-00		CAP., FXD, CER DI:0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C141	283-0008-00		CAP., FXD, CER DI:0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C146	283-0001-00		CAP., FXD, CER DI:0.005UF, +100-0%, 500V (STANDARD ONLY)	72982	831-559E502P
A13C167	283-0036-00		CAP., FXD, CER DI:2500PF, +100-0%, 6000V (OPTION 31 ONLY)	59660	3906BW402E252P
A13C175	285-1136-00		CAP., FXD, PLSTC:0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13C176	285-1137-00		CAP., FXD, PLSTC:0.0047UF, 10%, 8000V (STANDARD ONLY)	56289	430P472980
A13C177	285-1136-00		CAP., FXD, PLSTC:0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C178	285-1136-00		CAP., FXD, PLSTC:0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C181	283-0363-00		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (STANDARD ONLY)	72982	838-000COK229C
A13C182	283-0363-00		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (STANDARD ONLY)	72982	838-000COK229C
A13C205	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C215	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C239	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C242	283-0008-00		CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C245	285-1119-00		CAP., FXD, PLSTC:0.082UF, 10%, 200V (STANDARD ONLY)	19396	PP680C823K
A13C246	283-0317-00		CAP., FXD, CER DI: 1PF, +/-0.1PF, 500V (STANDARD ONLY)	72982	861-518-COK0109B
A13C261	283-0363-00		CAP., FXD, CER DI: 2.2PF, 0.25%, 2KV (OPTION 31 ONLY)	72982	838-000COK229C
A13C262	283-0342-00		CAP., FXD, CER DI: 6.5PF, 0.5%, 2000V (OPTION 31 ONLY)	91418	HV6R5D2024R0
A13C305	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13C313	281-0763-00		CAP., FXD, CER DI: 47PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADC1G470K
A13C335	281-0524-00		CAP., FXD, CER DI: 150PF, +/-30PF, 500V (STANDARD ONLY)	04222	7001-1381
A13C362	285-1137-00		CAP., FXD, PLSTC:0.0047UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P472980
A13C371	281-08.2-00		CAP., FXD, CER DI: 1000PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADX7R102K
A13C372	285-1136-00		CAP., FXD, PLSTC:0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C373	285-1136-00		CAP., FXD, PLSTC:0.001UF, 10%, 8000V (STANDARD ONLY)	56289	430P559
A13C419	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C427	283-0211-00		CAP., FXD, CER DI: 0.1UF, 10%, 200V (OPTION 31 ONLY)	72982	8141N210X7R0104K
A13C428	285-0572-00		CAP., FXD, PLSTC:0.1UF, 20%, 200V (STANDARD ONLY)	56289	410P10402
A13C436	283-0008-00		CAP., FXD, CER DI: 0.1UF, 20%, 500V (OPTION 31 ONLY)	56289	2C37Z5U104M501B2
A13C439	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V (STANDARD ONLY)	04222	GC70-1C103K
A13C455	281-0771-00		CAP., FXD, CER DI: 0.0022UF, 20%, 200V (STANDARD ONLY)	56289	292C Z5U222M20CB
A13C455	283-0300-00		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C456	283-0300-00		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C457	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13C459	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (STANDARD ONLY)	56289	502D225
A13C466	281-0797-00		CAP., FXD, CER DI: 15PF, 10%, 100V (STANDARD ONLY)	72982	8035D9AADCOG150K
A13C469	281-0788-00		CAP., FXD, CER DI: 470PF, 10%, 100V (STANDARD ONLY)	72982	8005H9AADW5R471K
A13C472	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (STANDARD ONLY)	04222	SA205E104MAA
A13C472	283-0300-00		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C473	290-0247-00		CAP., FXD, ELCTLT: 5.6UF, 10%, 6V (STANDARD ONLY)	56289	162D565X9006CD2
A13C474	283-0280-00		CAP., FXD, CER DI: 2200PF, 10%, 2000V (STANDARD ONLY)	59660	0818590Y5500222K
A13C475	285-1138-00		CAP., FXD, PLSTC: 0.01UF, 10%, 8000V (STANDARD ONLY)	56289	430P558
A13C513	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C523	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C534	283-0211-00		CAP., FXD, CER DI: 0.1UF, 10%, 200V (OPTION 31 ONLY)	72982	8141N210X7R0104K
A13C541	281-0812-00		CAP., FXD, CER DI: 1000PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADX7R102K
A13C565	283-0300-00		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C630	281-0797-00		CAP., FXD, CER DI: 15PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADCOG150K
A13C641	290-0247-00		CAP., FXD, ELCTLT: 5.6UF, 10%, 6V (OPTION 31 ONLY)	56289	162D565X9006CD2
A13C645	281-0797-00		CAP., FXD, CER DI: 15PF, 10%, 100V (OPTION 31 ONLY)	72982	8035D9AADCOG150K
A13C651	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V (OPTION 31 ONLY)	04222	SA205E104MAA
A13C654	281-0788-00		CAP., FXD, CER DI: 470PF, 10%, 100V (OPTION 31 ONLY)	72982	8005H9AADW5R471K
A13C665	285-1138-00		CAP., FXD, PLSTC: 0.01UF, 10%, 8000V (OPTION 31 ONLY)	56289	430P558
A13C666	283-0300-00		CAP., FXD, CER DI: 0.001UF, +80-20%, 10,000V (OPTION 31 ONLY)	72982	3910BW509C142K
A13C671	283-0280-00		CAP., FXD, CER DI: 2200PF, 10%, 2000V (OPTION 31 ONLY)	59660	0818590Y5500222K
A13C737	290-0267-00		CAP., FXD, ELCTLT: 1UF, 20%, 35V (OPTION 31 ONLY)	56289	162D105X0035CD2
A13C738	290-0267-00		CAP., FXD, ELCTLT: 1UF, 20%, 35V (OPTION 31 ONLY)	56289	162D105X0035CD2
A13C739	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V (OPTION 31 ONLY)	56289	502D225
A13CR43	152-0107-00		SEMICONV DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR91	152-0639-00		SEMICONV DEVICE: RECT, SI, 10KV, 10MA (STANDARD ONLY)	52306	CX345
A13CR95	152-0639-00		SEMICONV DEVICE: RECT, SI, 10KV, 10MA (STANDARD ONLY)	52306	CX345
A13CR128	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13CR131	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR132	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR137	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR148	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR164	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR165	152-0061-00 -----		SEMICON D DEVICE: SILICON, 175V, 100MA (STANDARD ONLY)	07263	FDH2161
A13CR166	152-0061-00 -----		SEMICON D DEVICE: SILICON, 175V, 100MA (STANDARD ONLY)	07263	FDH2161
A13CR168	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR169	152-0107-00 -----		SEMICON D DEVICE: SILICON, 400V, 400MA (STANDARD ONLY)	01295	G727
A13CR171	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (OPTION 31 ONLY)	52306	CX345
A13CR172	152-0639-00 -----		SEMICON D DEVICE: RECT, SI, 10KV, 10MA (OPTION 31 ONLY)	52306	CX345
A13CR199	152-0242-00 -----		SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR216	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR237	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR238	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR239	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR240	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR270	152-0751-00 -----		SEMICON D DEVICE: RECT, SI, SWITCHING, 265V, DO-7 (STANDARD ONLY)	14552	TD13419
A13CR273	152-0751-00 -----		SEMICON D DEVICE: RECT, SI, SWITCHING, 265V, DO-7 (STANDARD ONLY)	14552	TD13419
A13CR290	152-0242-00 -----		SEMICON D DEVICE: SILICON, 225V, 200MA (STANDARD ONLY)	07263	FDH5004
A13CR315	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR324	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR325	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR326	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR328	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR329	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR334	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR339	152-0141-02 -----		SEMICON D DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR344	152-0107-03 -----		SEMICON D DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13CR345	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR356	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR415	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR426	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR427	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR435	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR448	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR449	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR457	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (STANDARD ONLY)	01295	1N4152R
A13CR463	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR478	152-0242-00 -----		SEMICOND DEVICE: SILICON, 225V, 200MA (OPTION 31 ONLY)	07263	FDH5004
A14CR525	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR535	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR542	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR543	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR545	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR566	152-0107-03 -----		SEMICOND DEVICE: SILICON, 375V, 400MA, SEL (OPTION 31 ONLY)	01295	G727
A13CR578	152-0242-00 -----		SEMICOND DEVICE: SILICON, 225V, 200MA (OPTION 31 ONLY)	07263	FDH5004
A13CR621	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR622	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR623	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR624	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR653	152-0322-00 -----		SEMICOND DEVICE: SILICON, 15V, HOT CARRIER (OPTION 31 ONLY)	50434	5082-2672
A13CR723	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR724	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR739	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR745	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R
A13CR746	152-0141-02 -----		SEMICOND DEVICE: SILICON, 30V, 150MA (OPTION 31 ONLY)	01295	1N4152R

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13DS393	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13DS494	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13DS495	150-0035-00 -----		LAMP, GLOW: 90V, 0.3MA (STANDARD ONLY)	53944	A1B-3
A13E278	119-0181-00 -----		ARSR, ELEC SURGE: 230V, GAS FILLED (OPTION 31 ONLY)	74276	CG230L
A13E341	119-0759-00 -----		ARSR, ELEC SURGE: 145V, GAS FILLED (OPTION 31 ONLY)	71482	CG145L
A13E551	119-0285-00 -----		ARSR, ELEC SURGE: 470VDC, +/-15% (OPTION 31 ONLY)	74276	CG470L
A13F15	159-0064-00 -----		FUSE, CARTRIDGE: 1A, 250V, 10 SEC (OPTION 31 ONLY)	75915	2:2001
A13F21	159-0022-00 -----		FUSE, CARTRIDGE: 3AG, 1A, 250V, FAST-BLOW (STANDARD ONLY)	71400	AGC 1
A13J311	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J411	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 4, OPTION 31 ONLY)	22526	47357
A13J511	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J512	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J611	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13J739	131-0608-00 -----		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3, OPTION 31 ONLY)	22526	47357
A13L25	108-0422-00 -----		COIL, RF: FIXED, 82UH (OPTION 31 ONLY)	80009	108-0422-00
A13L41	108-0422-00 -----		COIL, RF: FIXED, 82UH (STANDARD ONLY)	80009	108-0422-00
A13Q15	151-0188-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6868K
A13Q35	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q53	151-0469-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	04713	SJE1101
A13Q115	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q116	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801
A13Q118	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801
A13Q119	151-0192-00 -----		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521 (OPTION 31 ONLY)	04713	SPS8801
A13Q130	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q132	151-0190-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	07263	S032677
A13Q141	151-0444-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	80009	151-0444-00
A13Q145	151-0443-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	80009	151-0443-00
A13Q221	151-0750-00 -----		TRANSISTOR: NPN, SI, MPS-A44 (OPTION 31 ONLY)	04713	SPS8405
A13Q222	151-0749-00 -----		TRANSISTOR: PNP, SI, MPS-A92 (OPTION 31 ONLY)	04713	0BD

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff      Dscont	Name & Description	Mfr Code	Mfr Part Number
A13Q237	151-0216-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS8803
A13Q266	151-0347-00 -----		TRANSISTOR: SILICON, NPN (STANDARD ONLY)	56289	2N5551
A13Q269	151-0350-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6700
A13Q426	151-0219-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	07263	S022650
A13Q435	151-0169-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	04713	ST830
A13Q445	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q446	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q465	151-0188-00 -----		TRANSISTOR: SILICON, PNP (STANDARD ONLY)	04713	SPS6868K
A13Q631	151-0347-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	56289	2N5551
A13Q632	151-0350-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6700
A13Q633	151-0350-00 -----		TRANSISTOR: SILICON, PNP (OPTION 31 ONLY)	04713	SPS6700
A13Q634	151-0347-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	56289	2N5551
A13Q639	151-0223-00 -----		TRANSISTOR: SILICON, NPN (OPTION 31 ONLY)	04713	SPS8026
A13R5	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R7	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1005
A13R8	321-0368-00 -----		RES., FXD, FILM: 66.5K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G66501F
A13R9	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R16	321-0363-00 -----		RES., FXD, FILM: 59K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G59001F
A13R25	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R26	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R34	311-1556-00 -----		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-78-0
A13R35	301-0240-00 -----		RES., FXD, CMPSN: 24 OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB2405
A13R36	315-0103-03 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R37	315-0204-00 -----		RES., FXD, CMPSN: 200K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2045
A13R38	315-0105-00 -----		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1055
A13R39	315-0103-03 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R42	315-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R44	301-0240-00 -----		RES., FXD, CMPSN: 24 OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB2405

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R47	315-0623-00		RES., FXD, CMPSN: 62K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB6235
A13R61	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1005
A13R70	307-0104-00		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R73	315-0271-03		RES., FXD CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R105	307-0104-00		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB33G5
A13R107	315-0100-02		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R110	315-0121-00		RES., FXD, CMPSN: 120 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1215
A13R115	315-0472-03		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R115	315-0362-00		RES., FXD, CMPSN: 3.6K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3625
A13R116	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB7505
A13R117	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R117	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1005
A13R118	315-0820-00		RES., FXD, CMPSN: 82 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8205
A13R120	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R123	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2225
A13R124	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2715
A13R126	321-0231-00		RES., FXD, FILM: 2.49K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G24900F
A13R125	323-0452-00		RES., FXD, FILM: 499K OHM, 1%, 0.50W (OPTION 31 ONLY)	75042	CECT0-4993F
A13R127	321-0301-00		RES., FXD, FILM: 13.3K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G13301F
A13R128	311-1556-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W (STANDARD ONLY)	73138	9i-78-0
A13R129	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1035
A13R130	321-0333-00		RES., FXD, FILM: 28.7K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G28701F
A13R133	301-0911-00		RES., FXD, CMPSN: 910 OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB9115
A13R134	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1825
A13R135	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4715
A13R136	321-0408-00		RES., FXD, FILM: 174K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G17402F
A13R137	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R147	315-0271-03		RES., FXD CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R167	301-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB2035

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R169	301-0105-00 -----		RES., FXD, CMPSN: 1M OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB1055
A13R170	301-0514-00 -----		RES., FXD, CMPSN: 510K OHM, 5%, 0.50W (STANDARD ONLY)	01121	EB5145
A13R173	302-0473-01 -----		RES., FXD, CMPSN: 47K OHM, 10%, 0.5W (OPTION 31 ONLY)	01121	EB4735
A13R174	302-0472-01 -----		RES., FXD, CMPSN: 4.7K OHM, 10%, 0.5W (OPTION 31 ONLY)	01121	EB4725
A13R175	315-0271-03 -----		RES., FXD CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R176	315-0103-00 -----		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1035
A13R177	315-0271-03 -----		RES., FXD CMPSN: 270 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2715
A13R178	315-0102-03 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R196	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R198	315-0303-03 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R205	301-0302-00 -----		RES., FXD, CMPSN: 3K OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB3025
A13R215	321-0322-00 -----		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G22101F
A13R215	311-1198-00 -----		RES., VAR, NONWIR: 20K OHM, 20%, 0.5W (OPTION 31 ONLY)	73138	72-29-0
A13R216	321-0251-00 -----		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R216	315-0102-00 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1025
A13R217	315-0221-00 -----		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2215
A13R217	315-0273-00 -----		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2735
A13R218	311-1246-00 -----		RES., VAR, NONWIR: 50K OHM, 10%, 0.50W (OPTION 31 ONLY)	02111	63X-503-T602
A13R219	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB33G5
A13R220	321-0332-00 -----		RES., FXD, FILM: 28K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G28001F
A13R221	321-0303-00 -----		RES., FXD, FILM: 14K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G14001F
A13R224	315-0624-00 -----		RES., FXD, CMPSN: 620K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB6245
A13R225	321-0330-00 -----		RES., FXD, FILM: 26.7K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G26701F
A13R225	315-0333-00 -----		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3335
A13R226	311-1934-00 -----		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (STANDARD ONLY)	01121	15M906
A13R226	315-0302-00 -----		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3025
A13R227	311-1934-00 -----		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (STANDARD ONLY)	01121	15M906
A13R227	315-0182-00 -----		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1825

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R228	315-0181-00 -----		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1815
A13R235	323-0452-00 -----		RES., FXD, FILM: 499K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-4993F
A13R236	321-0431-00 -----		RES., FXD, FILM: 301K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G30102F
A13R246	323-0318-00 -----		RES., FXD, FILM: 20K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226D20001F
A13R263	301-0105-00 -----		RES., FXD, CMPSN: 1M OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB1055
A13R264	301-0514-00 -----		RES., FXD, CMPSN: 510K OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB5145
A13R270	315-0303-03 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R271	315-0226-00 -----		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2265
A13R272	315-0303-03 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R288	311-1933-00 -----		RES., VAR, NONWIR: PNL, 5M OHM, 10%, 0.50W (STANDARD ONLY)	01121	17M095
A13R291	315-0303-03 -----		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3035
A13R292	315-0226-00 -----		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2265
A13R306	307-0104-00 -----		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB33G5
A13R307	315-0151-00 -----		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1515
A13R308	315-0221-00 -----		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2215
A13R312	321-0231-00 -----		RES., FXD, FILM: 2.49K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G24900F
A13R325	315-0823-00 -----		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8235
A13R328	322-0621-00 -----		RES., FXD, FILM: 900K OHM, 1%, 0.25W (OPTION 31 ONLY)	75042	CEBT0-9003F
A13R329	322-0452-00 -----		RES., FXD, FILM: 499K OHM, 1%, 0.25W (OPTION 31 ONLY)	91637	MFF1421G49902F
A13R331	321-0450-00 -----		RES., FXD, FILM: 475K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G47502F
A13R332	303-0303-00 -----		RES., FXD, CMPSN: 30K OHM, 5%, 1W (OPTION 31 ONLY)	01121	GB3035
A13R333	303-0303-00 -----		RES., FXD, CMPSN: 30K OHM, 5%, 1W (OPTION 31 ONLY)	01121	GB3035
A13R334	315-0184-00 -----		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1845
A13R334	323-0393-00 -----		RES., FXD, FILM: 121K OHM, 1%, 0.50W (OPTION 31 ONLY)	91637	MFF1226G12102F
A13R336	315-0101-03 -----		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R336	301-0100-00 -----		RES., FXD, CMPSN: 10 OHM, 5%, 0.50W (OPTION 31 ONLY)	01121	EB1005
A13R337	315-0162-00 -----		RES., FXD, CMPSN: 1.6K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1625
A13R337	301-0271-01 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R342	301-0271-01 -----		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R344	323-0408-00 -----		RES., FXD, FILM: 174K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226G17402F
A13R345	323-0408-00 -----		RES., FXD, FILM: 174K OHM, 1%, 0.50W (STANDARD ONLY)	91637	MFF1226G17402F
A13R346	315-0102-03 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R347	315-0151-00 -----		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1515
A13R355	315-0182-00 -----		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1825
A13R358	304-0271-01 -----		RES., FXD, CMPSN: 270 OHM, 10%, 1W (OPTION 31 ONLY)	01121	GB2711
A13R365	323-0338-00 -----		RES., FXD, FILM: 32.4K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-3242F
A13R366	315-0273-00 -----		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2735
A13R367	315-0122-00 -----		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1225
A13R368	315-0181-00 -----		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1815
A13R369	321-0272-00 -----		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G66500F
A13R375	315-0102-03 -----		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R378	315-0226-00 -----		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2265
A13R405	315-0751-00 -----		RES., FXD, CMPSN: 750 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB7515
A13R406	315-0122-00 -----		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1225
A13R407	315-0151-00 -----		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1515
A13R408	315-0241-00 -----		RES., FXD, CMPSN: 240 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2415
A13R409	315-0181-00 -----		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1815
A13R415	311-1562-00 -----		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-84-0
A13R415	311-1934-00 -----		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	01121	15M906
A13R416	321-0272-00 -----		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G66500F
A13R417	321-0322-00 -----		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G22101F
A13R418	315-0472-03 -----		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB4725
A13R425	321-0251-00 -----		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R425	311-1934-00 -----		RES., VAR, NONWIR: PNL, 2K OHM, 20%, 0.50W (OPTION 31 ONLY)	01121	15M906
A13R426	321-0243-00 -----		RES., FXD, FILM: 3.32K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G33200F
A13R427	311-1562-00 -----		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W (STANDARD ONLY)	73138	91-84-0
A13R428	321-0251-00 -----		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R429	311-1553-00		RES., VAR, NONWIR: 100K OHM, 20%, 0.5W (STANDARD ONLY)	73138	91-77-0
A13R436	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G10001F
A13R437	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (STANDARD ONLY)	91637	MFF1816G40200F
A13R446	303-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 1W (STANDARD ONLY)	01121	GB8235
A13R447	323-0333-00		RES., FXD, FILM: 28.7K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-2872F
A13R448	323-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-6192F
A13R449	323-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.50W (STANDARD ONLY)	75042	CECT0-6192F
A13R449	301-0271-01		RES., FXD, CMPSN: 270 OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB2715
A13R451	302-0102-03		RES., FXD, CMPSN: 1K OHM, 10%, 0.5W (OPTION 31 ONLY)	01121	EB1021
A13R456	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R457	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R461	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB1035
A13R462	315-0226-00		RES., FXD, CMPSN: 22M OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2265
A13R466	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1525
A13R467	315-0204-00		RES., FXD, CMPSN: 200K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB2045
A13R468	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB3335
A13R471	311-1933-00		RES., VAR, NONWIR: PNL, 5M OHM, 10%, 0.50W (OPTION 31 ONLY)	01121	17M095
A13R472	315-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB8235
A13R472	301-0103-02		RES., FXD, CMPSN: 10K OHM, 5%, 0.5W (OPTION 31 ONLY)	01121	EB1035
A13R474	315-0102-03		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1025
A13R475	315-0101-03		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W (STANDARD ONLY)	01121	CB1015
A13R475	307-0550-01		RES NTWK, FXD FI: HV DIVIDER (STANDARD ONLY)	80009	307-0550-01
A13R477	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB3035
A13R501	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB2715
A13R502	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R503	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R504	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W (OPTION 31 ONLY)	01121	CB4725
A13R511	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R512	321-0322-00		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W (OPTION 31 ONLY)	91637	MFF1816G22101F

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R521	321-0251-00 -----		RES.,FXD,FILM:4.02K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R522	321-0322-00 -----		RES.,FXD,FILM:22.1K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G22i01F
A13R524	315-0823-00 -----		RES.,FXD,CMPSN:82K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB8235
A13R527	315-0101-00 -----		RES.,FXD,CMPSN:100 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1015
A13R528	321-0408-00 -----		RES.,FXD,FILM:174K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G17402F
A13R529	321-0340-00 -----		RES.,FXD,FILM:34K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G34001F
A13R530	315-0360-00 -----		RES.,FXD,CMPSN:36 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB3605
A13R531	315-0680-00 -----		RES.,FXD,CMPSN:68 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB6805
A13R534	321-0177-00 -----		RES.,FXD,FILM:681 OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G681R0F
A13R544	315-0152-00 -----		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1525
A13R558	315-0102-00 -----		RES.,FXD,CMPSN:1K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1025
A13R561	315-0103-00 -----		RES.,FXD,CMPSN:10K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1035
A13R605	315-0472-00 -----		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB4725
A13R606	315-0472-00 -----		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB4725
A13R625	321-0251-00 -----		RES.,FXD,FILM:4.02K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G40200F
A13R626	321-0289-00 -----		RES.,FXD,FILM:10K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G10001F
A13R627	315-0162-00 -----		RES.,FXD,CMPSN:1.6K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1625
A13R628	315-0184-00 -----		RES.,FXD,CMPSN:180K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1845
A13R630	315-0221-00 -----		RES.,FXD,CMPSN:220 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB2215
A13R635	301-0333-00 -----		RES.,FXD,CMPSN:33K OHM,5%,0.50W (OPTION 31 ONLY)	01121	EB3335
A13R636	315-0101-00 -----		RES.,FXD,CMPSN:100 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1015
A13R637	323-0318-00 -----		RES.,FXD,FILM:20K OHM,1%,0.50W (OPTION 31 ONLY)	91637	MFF1226D20001F
A13R646	315-0101-00 -----		RES.,FXD,CMPSN:100 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1015
A13R647	315-0101-00 -----		RES.,FXD,CMPSN:100 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1015
A13R648	315-0271-00 -----		RES.,FXD,CMPSN:270 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB2715
A13R652	315-0823-00 -----		RES.,FXD,CMPSN:82K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB8235
A13R653	315-0333-00 -----		RES.,FXD,CMPSN:33K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB3335
A13R657	301-0271-01 -----		RES.,FXD,CMPSN:270 OHM,5%,0.5W (OPTION 31 ONLY)	01121	EB2715

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13R659	315-0102-00 -----		RES.,FXD,CMPSN:1K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1025
A13R678	315-0303-00 -----		RES.,FXD,CMPSN:30K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB3035
A13R715	311-1562-00 -----		RES.,VAR, NONWIR:2K OHM,20%,0.50W (OPTION 31 ONLY)	73138	91-84-0
A13R716	311-1562-00 -----		RES.,VAR, NONWIR:2K OHM,20%,0.50W (OPTION 31 ONLY)	73138	91-84-0
A13R721	321-0243-00 -----		RES.,FXD,FILM:3.32K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G33200F
A13R722	321-0272-00 -----		RES.,FXD,FILM:6.65K OHM,1%,0.125W (OPTION 31 ONLY)	91637	MFF1816G66500F
A13R738	311-1555-00 -----		RES.,VAR, NONWIR:100K OHM,20%,0.5W (OPTION 31 ONLY)	73138	91-77-0
A13R739	315-0225-00 -----		RES.,FXD,CMPSN:2.2M OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB2255
A13R748	315-0204-00 -----		RES.,FXD,CMPSN:200K OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB2045
A13R749	315-0101-00 -----		RES.,FXD,CMPSN:100 OHM,5%,0.25W (OPTION 31 ONLY)	01121	CB1015
A13R759	307-0550-01 -----		RES NTWK,FXD FI:HV DIVIDER (OPTION 31 ONLY)	80009	307-0550-01
A13RV649	307-0638-00 -----		RES,V SENSITIVE:18V,20%,0.5W (OPTION 31 ONLY)	03508	MOV-V18ZA1
A13T51	120-1413-00 -----		XFMR,PWR,SDN&SU:HV (OPTION 31 ONLY)	80009	120-1413-00
A13T75	120-1140-00 -----		XFMR,PWR,SDN&SU:HIGH VOLTAGE (STANDARD ONLY)	80009	120-1140-00
A13TP778	214-0579-00 -----		TERM,TEST POINT:BRS CD PL (OPTION 31 ONLY)	80009	214-0579-00
A13U25	156-0047-00 -----		MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE (STANDARD ONLY)	80009	156-0047-00
A13U115	156-0058-00 -----		MICROCIRCUIT,DI:HEX.INVERTER (STANDARD ONLY)	80009	156-0058-00
A13U125	156-0072-00 -----		MICROCIRCUIT,DI:MONOSTABLE MV,TTL,14 DIP (STANDARD ONLY)	01295	SN74121(N OR J)
A13U315	156-0072-02 -----		MICROCIRCUIT,DI:MONOSTABLE MV,BURN-IN (OPTION 31 ONLY)	01295	SN74121
A13U475	156-0067-00 -----		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER (STANDARD ONLY)	02735	85145
A13U605	156-0382-02 -----		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE (OPTION 31 ONLY)	01295	SN74LS00
A13U615	156-0381-02 -----		MICROCIRCUIT,DI:QUAD 2-INP EXCL OR GATE (OPTION 31 ONLY)	01295	SN74LS86
A13U616	156-0047-02 -----		MICROCIRCUIT,DI:TP1 3 INP,NAND GATE (OPTION 31 ONLY)	27014	DM7410NA+ OR JA+
A13U645	156-0067-13 -----		MICROCIRCUIT,LI:OPNL AMPL,SELECTED	01295	UA741CJG4
A13U645	156-0067-13 -----		MICROCIRCUIT,LI:OPNL AMPL,SELECTED (OPTION 31 ONLY)	01295	UA741CJG4
A13VR235	152-0282-00 -----		SEMICOND DEVICE:ZENER,0.4W,30V,5% (OPTION 31 ONLY)	04713	1N972B

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14 HARD COPY AMPLIFIER					
A14	670-3097-01		CKT BOARD ASSY:HARD COPY AMPL	80009	670-3097-01
A14C1	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C6	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C12	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C13	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C17	283-0000-00		CAP.,FXD,CER DI:0.001UF,+100-0%,500V	59660	831-519-Z5U-102P
A14C31	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C34	281-0512-00		CAP.,FXD,CER DI:27PF,+/-2.7PF,500V	59660	308-000C0G0270K
A14C35	281-0623-00		CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
A14C105	281-0523-00		CAP.,FXD,CER DI:100PF,+/-20PF,500V	72982	301-000U2M0101M
A14C122	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C123	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C124	290-0536-00		CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
A14C131	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C141	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C142	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C145	283-0008-00		CAP.,FXD,CER DI:0.1UF,20%,500V	56289	2C37Z5U104M501B2
A14C157	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14C158	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A14J130	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 2)	22526	48283-C29
A14J131	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 5)	22526	48283-029
A14J132	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 7)	22526	48283-029
A14J133	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 10)	22526	48283-029
A14J134	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ (QUANTITY OF 10)	22526	48283-029
A14L44	108-0146-00		COIL,RF:5UH	80009	108-0146-00
A14L140	108-0214-00		COIL,RF:400UH	80009	108-0214-00
A14L144	108-0214-00		COIL,RF:400UH	80009	108-0214-00
A14Q115	151-0223-00		TRANSISTOR:SILICON,NPN	04713	SPS8026
A14Q134	151-0134-00		TRANSISTOR:SILICON,PNP	80009	151-0134-00
A14R2	315-0100-02		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A14R5	315-0100-02		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A14R7	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R11	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R14	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R15	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A14R16	315-0432-00		RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
A14R26	311-1228-00		RES.,VAR,NONWR:10K OHM,20%,0.50W	32997	3386F-T04-103
A14R32	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R33	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R36	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R37	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R45	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A14R54	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14R106	315-0562-00		RES.,FXD,CMPSN:5.6K OHM,5%,0.25W	01121	CB5625
A14R112	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A14R113	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A14R114	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A14R121	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A14R125	307-0103-00		RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
A14R126	307-0103-00		RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14R132	321-0214-00		RES.,FXD,FILM:1.65K OHM,1%,0.125W	91637	MFF1816G16500F
A14R135	301-0151-00		RES.,FXD,CMPSN:150 OHM,5%,0.50W	01121	EB1515
A14R136	321-0231-00		RES.,FXD,FILM:2.49K OHM,1%,0.125W	91637	MFF1816G24900F
A14R145	301-0151-00		RES.,FXD,CMPSN:150 OHM,5%,0.50W	01121	EB1515
A14R146	301-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
A14T53	120-0827-00		XFMR,TOROID:THREE 12 TURN WINDINGS	80009	120-0827-00
A14TP1	214-0579-00		TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A14TP12	214-0579-00		TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A14TP13	214-0579-00		TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A14TP116	214-0579-00		TERM,TEST POINT:BRS CD PL	80009	214-0579-00
A14U3	156-0096-00		MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A14U21	156-0162-00		MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A14U43	156-0162-00		MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	07263	UA733DC
A14U101	156-0072-00		MICROCIRCUIT,DI:MONOSTABLE MV,TTL,14 DIP	01295	SN74121(N OR J)

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A15 KEYBOARD					
A15	119-1050-00		KEYBOARD, CALC:	01963	B80-13AC
A15C1	283-0010-00		CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A15C2	283-0010-00		CAP., FXD, CER DI:0.05UF, +100-20%, 50V	56289	273C20
A15R1	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R2	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R3	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R4	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R5	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R6	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R7	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R8	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R9	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R10	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R11	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15R12	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A15U1	156-0929-00		MICROCIRCUIT, DI:4-L TO 16-L DCRR/DEMUX	80009	156-0929-00
A15U2	156-0075-00		MICROCIRCUIT, DI:SGL 8-BIT DATA SEL MUX	80009	156-0075-00
A15U3	156-0032-00		MICROCIRCUIT, DI:4-BIT BINARY COUNTER	80009	156-0032-00
A15U4	156-0032-00		MICROCIRCUIT, DI:4-BIT BINARY COUNTER	80009	156-0032-00
A15U5	156-0039-00		MICROCIRCUIT, DI:DUAL J-K FLIP FLOP	80009	156-0039-00
A15U6	156-0030-00		MICROCIRCUIT, DI:QUAD 2-INPUT NAND GATE	01295	SN7400(N OR J)

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16 DRIVE, MAG TAPE					
A16	119-0708-05		DRIVE, MAG TAPE:	80009	119-0708-05
A16B1090	147-0045-01		MOTOR, DC: 6V, 17,000 RPM	80009	147-0045-01
A16B1092	147-0046-01		MOTOR, DC: TAPE DRIVE, 12V	80009	147-0046-01
A16C1091	283-0000-00		CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A16C1092	283-0000-00		CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	59660	831-519-Z5U-102P
A16LS60	119-0305-00		LOUDSPEAKER, PM: PERMANENT MAGNET, 45 OHM, 2W	07109	35A45C
A16PU1001	119-0421-00		HEAD, SRR:	11983	G717888-DC21P078
A16A1	670-4003-04		CKT BOARD ASSY: TAPE DRIVER	80009	670-4003-04
A16A1C21	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C22	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C101	281-0525-00		CAP., FXD, CER DI: 470PF, +/-94PF, 500V	04222	7001-1364
A16A1C127	281-0788-00		CAP., FXD, CER DI: 470PF, 10%, 100V	72982	8005H9AADW5R471K
A16A1C129	283-0534-00		CAP., FXD, MICA D: 82PF, 5%, 500V	04222	CM20D820J
A16A1C131	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C138	281-0504-00		CAP., FXD, CER DI: 10PF, +/-1PF, 500V	59660	301-055C0G0100F
A16A1C211	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C216	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C218	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C221	281-0523-00		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C222	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C223	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C231	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C232	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C238	281-0523-00		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C310	281-0770-00		CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A16A1C312	281-0810-00		CAP., FXD, CER DI: 5.6PF, 0.5%, 100V	04222	GC10-1A5R6D
A16A1C313	281-0605-00		CAP., FXD, CER DI: 200PF, 10%, 500V	04222	7001-1375
A16A1C323	281-0810-00		CAP., FXD, CER DI: 5.6PF, 0.5%, 100V	04222	GC10-1A5R6D
A16A1C371	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C391	281-0523-00		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C392	281-0523-00		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
A16A1C393	283-0065-00		CAP., FXD, CER DI: 0.001UF, 5%, 100V	72982	805-518-Z5D0102J
A16A1C394	283-0065-00		CAP., FXD, CER DI: 0.001UF, 5%, 100V	72982	805-518-Z5D0102J
A16A1C410	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C417	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C424	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C480	283-0083-00		CAP., FXD, CER DI: 0.0047UF, 20%, 500V	72982	811-565C471J
A16A1C481	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C482	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C495	283-0010-00		CAP., FXD, CER DI: 0.05UF, +100-20%, 50V	56289	273C20
A16A1C510	281-0809-00		CAP., FXD, CER DI: 200PF, 5%, 100V	72982	8013T2ADDC1G201J
A16A1C518	281-0809-00		CAP., FXD, CER DI: 200PF, 5%, 100V	72982	8013T2ADDC1G201J
A16A1C521	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C524	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C531	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C541	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
A16A1C581	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C590	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C591	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C592	283-0111-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8121-N088Z5U104M
A16A1C593	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C595	283-0177-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A16A1C596	283-0003-00		CAP., FXD, CER DI: 0.01UF, +80-20%, 150V	91418	SP103Z151-4R9

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1C612	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C615	281-0765-00		CAP., FXD, CER DI: 100PF, 5%, 100V	51642	G1710-100COG101J
A16A1C618	281-0765-00		CAP., FXD, CER DI: 100PF, 5%, 100V	51642	G1710-100COG101J
A16A1C638	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C649	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C654	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C656	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C660	281-0770-00		CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A16A1C661	281-0770-00		CAP., FXD, CER DI: 0.001UF, 20%, 100V	72982	8035D9AADX5R102M
A16A1C717	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C742	285-1051-00		CAP., FXD, PLSTC: 1UF, 1%, 200V	14752	230B1C105F
A16A1C748	283-0775-00		CAP., FXD, MICA D: 1764 PF, 1%, 500V	00853	D19-5F17640F0
A16A1C762	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C847	285-1067-00		CAP., FXD, PLSTC: 0.5UF, 1%, 200V	14752	230B1C504F
A16A1C862	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C863	283-0167-00		CAP., FXD, CER DI: 0.1UF, 10%, 100V	72982	8131N145X5R0104K
A16A1C865	283-0177-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	273C5
A16A1C925	290-0297-00		CAP., FXD, ELCTLT: 39UF, 10%, 10V	56289	150D396X9010B2
A16A1C929	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C932	283-0421-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 50V	04222	DG015E104Z
A16A1C951	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C960	283-0119-00		CAP., FXD, CER DI: 2200PF, 5%, 200V	59660	855-536Y5E0222J
A16A1C961	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A16A1CR1	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR2	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR3	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR4	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR111	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR112	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR115	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR116	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR119	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR120	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR121	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR122	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR123	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR126	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR136	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR137	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR138	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR139	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR201	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR202	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR203	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR204	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR205	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR311	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR312	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR313	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR314	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR315	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR321	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR322	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR461	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR511	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR512	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR513	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R

# REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A16A1CR514	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR519	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR520	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR521	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR522	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR580	152-0107-00		SEMICOND DEVICE: SILICON, 400V, 400MA	01295	G727
A16A1CR590	152-0107-00		SEMICOND DEVICE: SILICON, 400V, 400MA	01295	G727
A16A1CR740	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR841	152-0141-02		SEMICOND DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A16A1CR949	152-0107-00		SEMICOND DEVICE: SILICON, 400V, 400MA	01295	G727
A16A1CR958	152-0107-00		SEMICOND DEVICE: SILICON, 400V, 400MA	01295	G727
A16A1J81	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 34)	22526	47357
A16A1J82	131-0589-00		TERMINAL, PIN: 0.46 L X 0.025 SQ (QUANTITY OF 3)	22526	48283-029
A16A1J83	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J84	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 2)	22526	47357
A16A1J85	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J86	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J87	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 9)	22526	47357
A16A1J88	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1J89	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD (QUANTITY OF 3)	22526	47357
A16A1Q311	151-1045-00		TRANSISTOR: SILICON, JFE, P-CHANNEL	04713	SPS628
A16A1Q325	151-1045-00		TRANSISTOR: SILICON, JFE, P-CHANNEL	04713	SPS628
A16A1Q391	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A16A1Q392	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A16A1Q451	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q461	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q462	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q463	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q464	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q491	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q531	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q541	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q551	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q558	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A16A1Q561	151-0192-00		TRANSISTOR: SILICON, NPN, SEL FROM MPS6521	04713	SPS8801
A16A1Q581	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q582	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q734	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q735	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q736	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q737	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q757	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q928	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q931	151-0188-00		TRANSISTOR: SILICON, PNP	04713	SPS6868K
A16A1Q933	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q934	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q935	151-0190-00		TRANSISTOR: SILICON, NPN	07263	S032677
A16A1Q936	151-1066-00		TRANSISTOR: SILICON, FE, P-CHANNEL	80009	151-1066-00

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1Q953	151-0188-00		TRANSISTOR:SILICON,PNP	04713	SPS6868K
A16A1R1	321-0807-00		RES.,FXD,FILM:900K OHM,1%,0.125W	91637	HFF1104F90002F
A16A1R2	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R3	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R4	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R5	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R6	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A16A1R7	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A16A1R8	311-1235-00		RES.,VAR,NONWIR:100K OHM,20%,0.50W	32997	3386F-T04-104
A16A1R9	311-1235-00		RES.,VAR,NONWIR:100K OHM,20%,0.50W	32997	3386F-T04-104
A16A1R21	321-0807-00		RES.,FXD,FILM:900K OHM,1%,0.125W	91637	HFF1104F90002F
A16A1R100	321-0354-00		RES.,FXD,FILM:47.5K OHM,1%,0.125W	91637	MFF1816G47501F
A16A1R101	321-0354-00		RES.,FXD,FILM:47.5K OHM,1%,0.125W	91637	MFF1816G47501F
A16A1R111	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R116	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R120	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R121	321-0354-00		RES.,FXD,FILM:47.5K OHM,1%,0.125W	91637	MFF1816G47501F
A16A1R122	321-0354-00		RES.,FXD,FILM:47.5K OHM,1%,0.125W	91637	MFF1816G47501F
A16A1R125	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R127	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A16A1R128	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A16A1R129	321-0807-00		RES.,FXD,FILM:900K OHM,1%,0.125W	91637	HFF1104F90002F
A16A1R136	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R137	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R138	321-0246-00		RES.,FXD,FILM:3.57K OHM,1%,0.125W	91637	MFF1816G35700F
A16A1R139	321-0807-00		RES.,FXD,FILM:900K OHM,1%,0.125W	91637	HFF1104F90002F
A16A1R149	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R150	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R201	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1R204	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1R205	315-0912-00		RES.,FXD,CMPSN:9.1K OHM,5%,0.25W	01121	CB9125
A16A1R212	321-0486-00		RES.,FXD,FILM:1.13M OHM,1%,0.125W	91637	HMF188G11303F
A16A1R216	321-0486-00		RES.,FXD,FILM:1.13M OHM,1%,0.125W	91637	HMF188G11303F
A16A1R219	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R220	321-0486-00		RES.,FXD,FILM:1.13M OHM,1%,0.125W	91637	HMF188G11303F
A16A1R223	321-0486-00		RES.,FXD,FILM:1.13M OHM,1%,0.125W	91637	HMF188G11303F
A16A1R225	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R226	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R227	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R228	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R230	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A16A1R231	315-0394-00		RES.,FXD,CMPSN:390K OHM,5%,0.25W	01121	CB3945
A16A1R232	315-0394-00		RES.,FXD,CMPSN:390K OHM,5%,0.25W	01121	CB3945
A16A1R234	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A16A1R235	315-0912-00		RES.,FXD,CMPSN:9.1K OHM,5%,0.25W	01121	CB9125
A16A1R237	315-0203-00		RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
A16A1R238	315-0203-00		RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
A16A1R301	321-0371-00		RES.,FXD,FILM:71.5K OHM,1%,0.125W	91637	MFF1816G71501F
A16A1R302	321-0371-00		RES.,FXD,FILM:71.5K OHM,1%,0.125W	91637	MFF1816G71501F
A16A1R303	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A16A1R304	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A16A1R307	321-0228-00		RES.,FXD,FILM:2.32K OHM,1%,0.125W	91637	MFF1816G23200F
A16A1R308	321-0228-00		RES.,FXD,FILM:2.32K OHM,1%,0.125W	91637	MFF1816G23200F
A16A1R309	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A16A1R310	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A16A1R313	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R315	321-0239-00		RES.,FXD,FILM:3.01K OHM,1%,0.125W	91637	MFF1816G30100F

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1R316	321-0239-00		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R320	321-0239-00		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R321	321-0239-00		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A16A1R322	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R371	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R391	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R392	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R393	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R394	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R410	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R411	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R412	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R413	315-0394-00		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R416	321-0371-00		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R418	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A16A1R419	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A16A1R420	315-0394-00		RES., FXD, CMPSN: 390K OHM, 5%, 0.25W	01121	CB3945
A16A1R421	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R422	321-0371-00		RES., FXD, FILM: 71.5K OHM, 1%, 0.125W	91637	MFF1816G71501F
A16A1R431	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R451	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R452	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R453	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R454	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R455	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R462	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R463	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R464	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R455	321-0329-00		RES., FXD, FILM: 26.1K OHM, 1%, 0.125W	91637	MFF1816G26101F
A16A1R456	315-0183-00		RES., FXD, CMPSN: 18K OHM, 5%, 0.25W	01121	CB1835
A16A1R467	315-0822-00		RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A16A1R482	321-0380-00		RES., FXD, FILM: 88.7K OHM, 1%, 0.125W	91637	MFF1816G88701F
A16A1R490	315-0910-00		RES., FXD, CMPSN: 91 OHM, 5%, 0.25W	01121	CB9105
A16A1R491	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R492	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R493	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A16A1R494	307-0111-00		RES., FXD, CMPSN: 3.6 OHM, 5%, 0.25W	01121	CB36G5
A16A1R515	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R516	321-0228-00		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R517	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R521	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R522	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R523	321-0228-00		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R524	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A16A1R531	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R541	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R542	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R551	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R552	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R559	315-0910-00		RES., FXD, CMPSN: 91 OHM, 5%, 0.25W	01121	CB9105
A16A1R561	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R562	321-0337-00		RES., FXD, FILM: 31.6K OHM, 1%, 0.125W	91637	MFF1816G31601F
A16A1R563	321-0327-00		RES., FXD, FILM: 24.9K OHM, 1%, 0.125W	91637	MFF1816G24901F
A16A1R564	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R565	321-0228-00		RES., FXD, FILM: 2.32K OHM, 1%, 0.125W	91637	MFF1816G23200F
A16A1R566	315-0205-00		RES., FXD, CMPSN: 2M OHM, 5%, 0.25W	01121	CB2055
A16A1R567	315-0112-00		RES., FXD, CMPSN: 1.1K OHM, 5%, 0.25W	01121	CB1125

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A16A1R570	321-0242-00		RES., FXD, FILM: 3.24K OHM, 1%, 0.125W	91637	MFF1816G32400F
A16A1R571	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A16A1R572	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A16A1R573	311-1232-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W	32997	3386F-T04-503
A16A1R574	315-0824-00		RES., FXD, CMPSN: 820K OHM, 5%, 0.25W	01121	CB8245
A16A1R580	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R581	321-0395-00		RES., FXD, FILM: 127K OHM, 1%, 0.125W	91637	MFF1816G12702F
A16A1R582	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R583	315-0134-00		RES., FXD, CMPSN: 130K OHM, 5%, 0.25W	01121	CB1345
A16A1R584	321-0285-00		RES., FXD, FILM: 9.09K OHM, 1%, 0.125W	91637	MFF1816G90900F
A16A1R585	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R586	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A16A1R587	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R588	315-0621-00		RES., FXD, CMPSN: 620 OHM, 5%, 0.25W	01121	CB6215
A16A1R589	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R590	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R591	315-0474-00		RES., FXD, CMPSN: 470K OHM, 5%, 0.25W	01121	CB4745
A16A1R593	315-0564-00		RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A16A1R594	321-0155-00		RES., FXD, FILM: 402 OHM, 1%, 0.125W	91637	MFF1816G402R0F
A16A1R595	321-0612-00		RES., FXD, FILM: 500 OHM, 1%, 0.125W	91637	MFF1816G500R0F
A16A1R596	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A16A1R597	311-1224-00		RES., VAR, NONWIR: 500 OHM, 20%, 0.50W	32997	3386F-T04-501
A16A1R613	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A16A1R614	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R619	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R633	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R643	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A16A1R648	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R652	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R657	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R658	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R659	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R662	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R718	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R729	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R730	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R731	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R732	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R733	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R734	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R738	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A16A1R743	321-0338-00		RES., FXD, FILM: 32.4K OHM, 1%, 0.125W	91637	MFF1816G32401F
A16A1R744	321-0321-00		RES., FXD, FILM: 21.5K OHM, 1%, 0.125W	91637	MFF1816G21501F
A16A1R752	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A16A1R753	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A16A1R754	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R755	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R756	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A16A1R757	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A16A1R758	315-0201-00		RES., FXD, CMPSN: 200 OHM, 5%, 0.25W	01121	CB2015
A16A1R759	307-0111-00		RES., FXD, CMPSN: 3.6 OHM, 5%, 0.25W	01121	CB36G5
A16A1R822	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A16A1R828	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A16A1R829	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R830	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R831	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A16A1R832	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A1R833	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A16A1R834	321-0337-00		RES.,FXD,FILM:31.6K OHM,1%,0.125W	91637	MFF1816G31601F
A16A1R835	321-0327-00		RES.,FXD,FILM:24.9K OHM,1%,0.125W	91637	MFF1816G24901F
A16A1R836	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A16A1R837	315-0183-00		RES.,FXD,CMPSN:18K OHM,5%,0.25W	01121	CB1835
A16A1R838	321-0228-00		RES.,FXD,FILM:2.32K OHM,1%,0.125W	91637	MFF1816G23200F
A16A1R839	315-0822-00		RES.,FXD,CMPSN:8.2K OHM,5%,0.25W	01121	CB8225
A16A1R842	315-0205-00		RES.,FXD,CMPSN:2M OHM,5%,0.25W	01121	CB2055
A16A1R843	315-0112-00		RES.,FXD,CMPSN:1.1K OHM,5%,0.25W	01121	CB1125
A16A1R849	321-0395-00		RES.,FXD,FILM:127K OHM,1%,0.125W	91637	MFF1816G12702F
A16A1R853	315-0134-00		RES.,FXD,CMPSN:130K OHM,5%,0.25W	01121	CB1345
A16A1R854	321-0285-00		RES.,FXD,FILM:9.09K OHM,1%,0.125W	91637	MFF1816G90900F
A16A1R855	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1R856	315-0621-00		RES.,FXD,CMPSN:620 OHM,5%,0.25W	01121	CB6215
A16A1R857	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1R858	315-0474-00		RES.,FXD,CMPSN:470K OHM,5%,0.25W	01121	CB4745
A16A1R861	321-0155-00		RES.,FXD,FILM:402 OHM,1%,0.125W	91637	MFF1816G402ROF
A16A1R864	315-0564-00		RES.,FXD,CMPSN:560K OHM,5%,0.25W	01121	CB5645
A16A1R866	321-0612-00		RES.,FXD,FILM:500 OHM,1%,0.125W	91637	MFF1816G500ROF
A16A1R939	321-0242-00		RES.,FXD,FILM:3.24K OHM,1%,0.125W	91637	MFF1816G32400F
A16A1R940	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A16A1R941	321-0318-00		RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
A16A1R945	315-0824-00		RES.,FXD,CMPSN:820K OHM,5%,0.25W	01121	CB8245
A16A1R950	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1R952	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A16A1R955	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A16A1R956	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
A16A1R957	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A1TP1	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP21	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP22	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP84	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP231	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP232	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP421	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP495	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP591	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP840	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1TP850	131-0589-00		TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
A16A1U21	156-0317-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	34371	HA2-2625-5
A16A1U100	156-0158-00		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U121	156-0317-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	34371	HA2-2625-5
A16A1U131	156-0112-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	80009	156-0112-00
A16A1U215	156-0317-01		MICROCIRCUIT,LI:OPNL AMPL,CHK	80009	156-0317-01
A16A1U221	156-0317-01		MICROCIRCUIT,LI:OPNL AMPL,CHK	80009	156-0317-01
A16A1U231	156-0487-00		MICROCIRCUIT,DI:DUAL RETRIG,ONE SHOT	80009	156-0487-00
A16A1U301	156-0096-00		MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A16A1U311	156-0096-00		MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	LM311H
A16A1U318	156-1272-00		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	NE5532 FE-IIB
A16A1U351	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A16A1U361	156-0387-00		MICROCIRCUIT,DI:DUAL J-K NEG EDGE TRIG	80009	156-0387-00
A16A1U371	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A16A1U381	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A16A1U391	156-0371-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND ST	80009	156-0371-00
A16A1U415	156-0096-01		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,CHK	80009	156-0096-01
A16A1U421	156-0096-01		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,CHK	80009	156-0096-01
A16A1U425	156-0112-01		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0112-01

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A16A1U431	156-0112-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	80009	156-0112-00
A16A1U481	156-0487-00		MICROCIRCUIT,DI:DUAL RETRIG,ONE SHOT	80009	156-0487-00
A16A1U491	156-0383-00		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-00
A16A1U495	156-0388-00		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-00
A16A1U581	156-0158-00		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U591	156-0158-00		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	18324	MC1458N
A16A1U615	156-0487-01		MICROCIRCUIT,DI:DUAL RETRIG MONOSTABLE	80009	156-0487-01
A16A1U621	156-0383-01		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-01
A16A1U625	156-0382-01		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U631	156-0387-01		MICROCIRCUIT,DI:DUAL J-K FLIP-FLOP,CHK	80009	156-0387-01
A16A1U635	156-0388-01		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-01
A16A1U641	156-0382-01		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U645	156-0464-01		MICROCIRCUIT,DI:DUAL 4-INP NAND GATE	80009	156-0464-01
A16A1U651	156-0382-01		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	80009	156-0382-01
A16A1U655	156-0645-01		MICROCIRCUIT,DI:SCHMITT-TRIG,POS-NAND GATE	80009	156-0645-01
A16A1U721	156-0645-01		MICROCIRCUIT,DI:SCHMITT-TRIG,POS-NAND GATE	80009	156-0645-01
A16A1U725	156-0112-01		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0112-01
A16A1U745	156-0706-01		MICROCIRCUIT,DI:DUAL MONOSTABLE MV,CHK	80009	156-0706-01
A16A1U751	156-0728-01		MICROCIRCUIT,DI:QUAD 2-INP NAND GATE	80009	156-0728-01
A16A1U755	156-0383-01		MICROCIRCUIT,DI:QUAD 2-INPUT NOR GATE	80009	156-0383-01
A16A1U761	156-0388-01		MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	80009	156-0388-01
A16A1U851	156-0158-01		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	80009	156-0158-01
A16A1U861	156-0158-01		MICROCIRCUIT,LI:DUAL OPERATIONAL AMPLIFIER	80009	156-0158-01
A16A1VR464	152-0226-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	14552	TD3810980
A16A1VR567	152-0127-00		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR568	152-0127-00		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR840	152-0226-00		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	14552	TD3810980
A16A1VR844	152-0127-00		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2
A16A1VR845	152-0127-00		SEMICONV DEVICE:ZENER,0.4W,7.5V,5%	04713	SZG35009K2

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A16A2 STATUS W/MICRO SWITCH ASSY					
A16A2	672-0545-02		CKT BOARD ASSY:STATUS	80009	672-0545-02
A16A2DS1	150-0057-01		LAMP, INCAND:5V,0.115A,WIRE LD,SEL	76854	17AS15
A16A2J360	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 2)		
A16A2J361	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 7)		
A16A2Q1	151-0648-00		XSTR,PHOTO:SILICON,NPN	31718	FPT 120A
A16A2Q2	151-0648-00		XSTR,PHOTO:SILICON,NPN	31718	FPT 120A
A16A2R1	315-0475-00		RES.,FXD,CMPSN:4.7M OHM,5%,0.25W	01121	CB4755
A16A2R2	315-0475-00		RES.,FXD,CMPSN:4.7M OHM,5%,0.25W	01121	CB4755
A16A2R3	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A2R5	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A16A2S1	260-1748-00		SWITCH,PUSH:SPDT,0.1A,125VAC,LVR ACTR	01963	E63-02HB
A16A2S2	260-1748-00		SWITCH,PUSH:SPDT,0.1A,125VAC,LVR ACTR	01963	E63-02HB

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A17 INDICATOR LIGHT					
A17	670-4029-00		CKT BOARD ASSY:INDICATOR LIGHT	80009	670-4029-00
A17DS60	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS61	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS62	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17DS63	150-0180-00		LAMP, INCAND:12V,0.06A	71744	CM7219
A17J60	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 6)		
A17J61	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	-----		(QUANTITY OF 2)		
A17R60	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A17R61	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A17R62	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A17R63	315-0300-00		RES.,FXD,CMPSN:30 OHM,5%,0.25W	01121	CB3005

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A19 FIRMWARE BACKPACK					
A19	670-5625-00		CKT BOARD ASSY:FIRMWARE BACKPACK	80009	670-5625-00
A19C101	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19C201	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19C301	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A19J91	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A19J92	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A19P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A19R365	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A19U351	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A19U361	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A19U371	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J
A19U381	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A20 COMMUNICATIONS BACKPACK					
A20	670-5626-01 -----		CKT BOARD ASSY:COMMUNICATIONS BACKPACK (OPTION 1 ONLY)	80009	670-5626-01
A20C11	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A20C171	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A20C211	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A20C231	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A20C311	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A20C321	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A20C361	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A20J91	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A20J92	131-1909-00		CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
A20J93	131-1437-00		CONN,RCPT,ELEC:25 FEMALE CONTACT	71468	DB25S-F179
A20P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A20R251	315-0181-00		RES.,FXD,CMPSN:180 OHM,5%,0.25W	01121	CB1815
A20R255	315-0431-00		RES.,FXD,CMPSN:430 OHM,5%,0.25W	01121	CB4315
A20R281	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A20R283	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A20R381	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A20U111	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A20U121	156-0138-00		MICROCIRCUIT,LI:CORE LINE RECEIVER	01295	SN75154N
A20U171	156-1206-00		MICROCIRCUIT,DI:N-CHANNEL	04713	MC68B50P OR L
A20U181	156-0138-00		MICROCIRCUIT,LI:CORE LINE RECEIVER	01295	SN75154N
A20U211	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULTIPLEXER	34335	SN74S138N
A20U221	156-0850-00		MICROCIRCUIT,DI:PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A20U241	156-1205-00		MICROCIRCUIT,DI:PERIPHERAL INTFC ADAPTER	80009	156-1205-00
A20U261	156-0139-00		MICROCIRCUIT,LI:DUAL LINE DRIVER	01295	SN75150P
A20U281	156-0139-00		MICROCIRCUIT,LI:DUAL LINE DRIVER	01295	SN75150P

## REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A21 SELECTOR					
A21	670-6207-00 -----		CKT BOARD ASSY:SELECTOR (OPTION 2 ONLY)	80009	670-6207-00
A21C211	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C231	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C251	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A21C271	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A21C281	283-0421-00		CAP.,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A21P5	131-1791-00		CONN,RCPT,ELEC:CKT BD,25/50 CONTACT	05574	000231-3597
A21P96	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21P97	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21P98	131-2515-00		CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
A21R272	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01:21	CB4725
A21U171	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULPLEXER	34335	SN74S138N
A21U181	156-0694-00		MICROCIRCUIT,DI:DECODER/DEMULPLEXER	34335	SN74S138N
A21U271	156-0382-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	01295	SN74LS00(N OR J)
A21U281	156-0392-00		MICROCIRCUIT,DI:QUAD LATCH W/CLEAR	34335	SN74LS175N OR J

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A23 COMMUNICATION					
A23	670-6208-00		CKT BOARD ASSY:COMMUNICATION (OPTION 3 ONLY)	80009	670-6208-00
A23C165	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A23C230	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A23C360	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A23C376	283-0421-00		CAP., FXD, CER DI:0.1UF, +80-20%, 50V	04222	DG015E104Z
A23C401	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A23C461	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A23C462	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A23C475	290-0745-00		CAP., FXD, ELCTLT: 22UF, +50-10%, 25V	56289	502D225
A23J93	131-1437-00		CONN, RCPT, ELEC: 25 FEMALE CONTACT	71468	DB25S-F.79
A23P5	131-1791-00		CONN, RCPT, ELEC: CKT BD, 25/50 CONTACT	05574	000231-3597
A23P96	131-2515-00		CONN, RCPT, ELEC: CKT BD, 2X 10, FEMALE	00779	86418-1
A23P97	131-2515-00		CONN, RCPT, ELEC: CKT BD, 2X 10, FEMALE	00779	86418-1
A23P98	131-2515-00		CONN, RCPT, ELEC: CKT BD, 2X 10, FEMALE	00779	86418-1
A23R130	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A23R230	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A23R231	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A23R276	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A23R331	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A23R349	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A23R350	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A23U151	156-0694-00		MICROCIRCUIT, DI: DECODER/DEMULTIPLEXER	34335	SN74S138N
A23U175	156-0694-00		MICROCIRCUIT, DI: DECODER/DEMULTIPLEXER	34335	SN74S138N
A23U230	156-1206-00		MICROCIRCUIT, DI: N-CHANNEL	04713	MC68B50P OR L
A23U251	156-1205-00		MICROCIRCUIT, DI: PERIPHERAL INTFC ADAPTER	80009	156-1205-00
A23U331	156-0138-00		MICROCIRCUIT, LI: CORE LINE RECEIVER	01295	SN75154N
A23U351	156-0138-00		MICROCIRCUIT, LI: CORE LINE RECEIVER	01295	SN75154N
A23U375	156-0850-00		MICROCIRCUIT, DI: PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A23U475	156-0139-00		MICROCIRCUIT, LI: DUAL LINE DRIVER	01295	SN75150P
A23U476	156-0139-00		MICROCIRCUIT, LI: DUAL LINE DRIVER	01295	SN75150P

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A24 PRINTER INTERFACE					
A24	670-5636-02		CKT BOARD ASSY:RS232 OPT 10 (OPTION 10 ONLY)	80009	670-5636-02
A24C100	283-0421-00		CAP. ,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A24C110	283-0421-00		CAP. ,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A24C201	283-0421-00		CAP. ,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A24C2C2	283-0177-00		CAP. ,FXD,CER DI:1UF,+80-20%,25V	56289	273C5
A24C203	283-0421-00		CAP. ,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A24C206	283-0103-00		CAP. ,FXD,CER DI:180PF,5%,500V	59660	831-518-Z5D0181J
A24C210	283-0421-00		CAP. ,FXD,CER DI:0.1UF,+80-20%,50V	04222	DG015E104Z
A24Q200	151-0190-00		TRANSISTOR:SILICON,NPN	07263	S032677
A24R109	315-0271-00		RES. ,FXD,CMPSN:270 OHM,5%,0.25W	01121	CB2715
A24R110	315-0392-00		RES. ,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A24R200	315-0392-00		RES. ,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A24R201	315-0331-00		RES. ,FXD,CMPSN:330 OHM,5%,0.25W	01121	CB3315
A24R202	315-0103-00		RES. ,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A24R204	315-0392-00		RES. ,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A24R206	315-0472-00		RES. ,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A24R208	315-0392-00		RES. ,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A24R210	315-0682-00		RES. ,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
A24R211	315-0392-00		RES. ,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
A24S111	260-1777-00		SWITCH,ROTARY:16 POSN,28VDC,100MA	00779	53137-1
A24U100	160-0342-01		MICROCIRCUIT,DI:2048 X 8 ROM,CUSTOM MASK	80009	160-0342-01
A24U101	156-1206-00		MICROCIRCUIT,DI:N-CHANNEL	04713	MC68B50P OR L
A24U110	156-0850-00		MICROCIRCUIT,DI:PROGRAMMABLE BIT RATE GEN	80009	156-0850-00
A24U2C1	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N
A24U210	156-0138-00		MICROCIRCUIT,LI:CORE LINE RECEIVER	01295	SN75154N
A24U211	156-0139-00		MICROCIRCUIT,LI:DUAL LINE DRIVER	01295	SN75150P

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A25 EDITOR ROM PACK					
A25	670-7485-00 -----		CKT BOARD ASSY:EDITOR ROM PK (4052 R06)	80009	670-7485-00
A25C1	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C11	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C21	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C201	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A25C301	290-0167-00		CAP.,FXD,ELCTLT:10UF,20%,15V	56289	150D106X0015B2
A25R221	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A25U1	160-1414-00		MICROCIRCUIT,DI:4096 X 8 EPROM,PRGM	80009	160-1414-00
A25U11	160-1415-00		MICROCIRCUIT,DI:4096 X 8 EPROM,PRGM	80009	160-1415-00
A25U21	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N

**REPLACEABLE ELECTRICAL PARTS**

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A26 SIGNAL PROCESSING ROM #1					
A26	670-6250-00 -----		CKT BOARD ASSY:16K ROM PACK (4052R07)	80009	670-6250-00
A26C1	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C11	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C21	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C201	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A26C301	290-0167-00		CAP.,FXD,ELCTLT:10UF,20%,15V	56289	150D106X0015B2
A26U1	160-0278-00		MICROCIRCUIT,DI:8192 X 8 ROM,P,PROGRAMMED	50088	36197
A26U21	156-0469-00		MICROCIRCUIT,DI:3-LINE TO 8-LINE DECODER	01295	SN74LS138N

REPLACEABLE ELECTRICAL PARTS

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
CHASSIS PARTS					
B5001	119-1024-00		FAN, VENTILATING: 115V, 18W, 3100RPM, 115 CFM	82877	028316
C5006	290-0566-00		CAP., FXD, ELCTLT: 15000UF, +75-10%, 30V	56289	36D153G030CB2A
C5007	290-0566-00		CAP., FXD, ELCTLT: 15000UF, +75-10%, 30V	56289	36D153G030CB2A
C5011	290-0183-00		CAP., FXD, ELCTLT: 1UF, 10%, 35V	90201	TAC105K035P02
C5012	283-0081-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 25V	91418	MX104Z2504R0
CR5003	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
CR5004	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
CR5005	152-0518-00		SEMICONV DEVICE: RECT, SI, 50V, 27A	83003	K019
F5001	159-0014-00		FUSE, CARTRIDGE: 3AG, 5A, 250V, FAST-BLOW	71400	MTH5
F5001	159-0005-00		FUSE, CARTRIDGE: 3AG, 3A, 125V, 30 SEC, CER	71400	MDA3
	-----		(OPTION A1, A2, A3, A4)		
F5001	159-0215-00		FUSE, CARTRIDGE: 3AG, GA, 250V, SLOW BLOW	33096	PB1322
	-----		(OPTION 31 ONLY)		
FL5001	119-1330-00		POWER LINE MDL: CONN W/LINE VSEL & RFI FLT	02777	F65004
L5022	119-0870-00		COIL, TUBE DEFL:	80009	119-0870-00
Q1091	151-0607-00		TRANSISTOR: SILICON, PNP	04713	SJE376
Q1092	151-0606-00		TRANSISTOR: SILICON, NPN	04713	SJE375
Q5001	151-0366-00		TRANSISTOR: SILICON, PNP	03508	X45C277
Q5002	151-0352-00		TRANSISTOR: SILICON, NPN	03508	X44C282
Q5005	151-0623-00		TRANSISTOR: SILICON, NPN	01295	T1P52
Q5007	151-0373-00		TRANSISTOR: SILICON, PNP	80009	151-0373-00
Q5009	151-0415-00		TRANSISTOR: SILICON, NPN	04713	SJE419
R5001	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5002	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5003	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5004	311-1460-00		RES., VAR NONWIR: 10K OHM, 20%, 1W	01121	73J1G040L103M
R5011	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
S5001	260-1842-00		SWITCH, ROCKER: DPST, 16A, 250VAC	04009	2600-11E 718
T5001	120-1278-00		XFMR, PWR, SDN&SU: LF	80009	120-1278-00
T5001	120-1426-01		XFMR, PWR, SDN&SU: LF	80009	120-1426-01
	-----		(OPTION 31 ONLY)		
U371	156-0285-00		MICROCIRCUIT, LI: VOLTAGE REGULATOR	27014	LM340T-12
U5011	156-0684-00		MICROCIRCUIT, LI: 3AMP, 5V, POSITIVE REGULATOR	27014	LM323K
V1	154-0785-02		ELECTRON TUBE: CRT	80009	154-0785-02
V1	154-0845-01		ELECTRON TUBE: CRT, T4100-CWT-DVST	80009	154-0845-01
	-----		(OPTION 31 ONLY)		



# Section 7

## DIAGRAMS AND SCHEMATICS

### Symbols and Reference Designators

Electrical components shown on the diagrams are in the following units unless noted otherwise:

Capacitors = Values one or greater are in picofarads (pF).  
 Values less than one are in microfarads ( $\mu$ F).

Resistors = Ohms ( $\Omega$ ).

Graphic symbols and class designation letters are based on ANSI Standard Y32.2-1975.

Logic symbology is based on ANSI Y32.14-1973 in terms of positive logic. Logic symbols depict the logic function performed and may differ from the manufacturer's data.

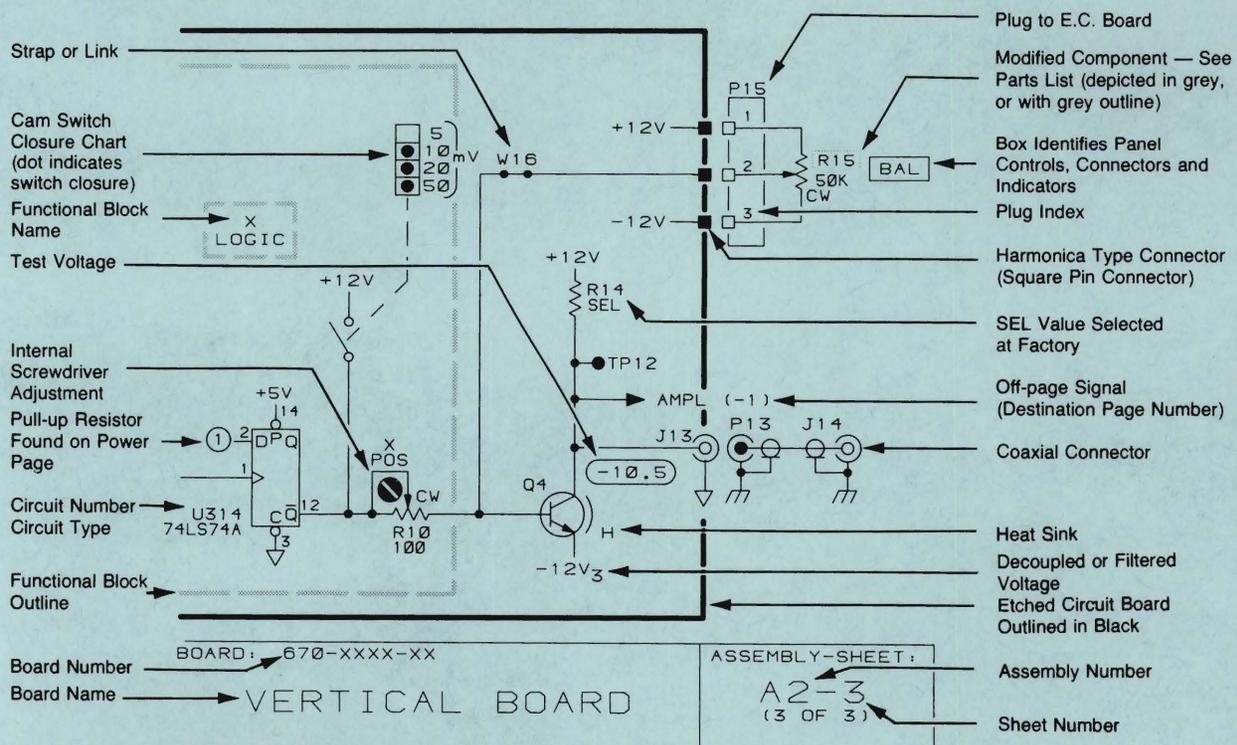
Abbreviations are based on ANSI Y1.1-1972. Other ANSI standards that are used in the preparation of diagrams by Tektronix, Inc., are:

- Y14.15, 1966 Drafting Practices.
- Y14.2, 1973 Line Conventions and Lettering.
- Y10.5, 1968 Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering.

The following prefix letters are used as reference designators to identify components or assemblies on the diagrams.

A	Assembly, separable or repairable (circuit board, etc.)	H	Heat dissipating device (heat sink, heat radiator, etc.)	S	Switch or contactor
AT	Attenuator, fixed or variable	HR	Heater	T	Transformer
B	Motor	HY	Hybrid circuit	TC	Thermocouple
BT	Battery	J	Connector, stationary portion	TP	Test point
C	Capacitor, fixed or variable	K	Relay	U	Assembly, inseparable or non-repairable (integrated circuit, etc.)
CB	Circuit breaker	L	Inductor, fixed or variable	V	Electron tube
CR	Diode, signal or rectifier	M	Meter	VR	Voltage regulator (zener diode, etc.)
DL	Delay line	P	Connector, movable portion	W	Wirestrap or cable
DS	Indicating device (lamp)	Q	Transistor or silicon-controlled rectifier	Y	Crystal
E	Spark Gap, Ferrite bead	R	Resistor, fixed or variable	Z	Phase shifter
F	Fuse	RT	Thermistor		
FL	Filter				

The following special symbols may appear on the diagrams:



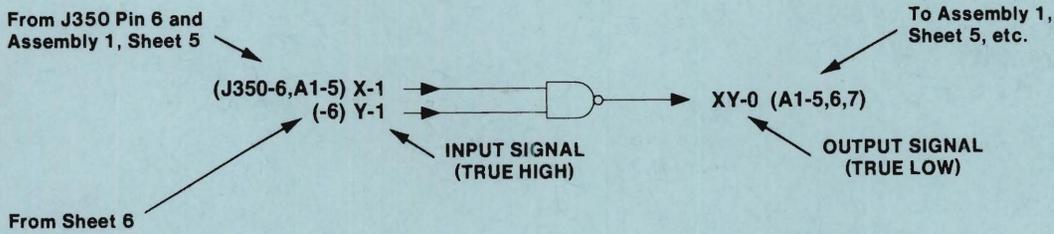
### 1. True High and True Low Signals

Signal names on the schematics are followed by -1 or a -0. A TRUE HIGH signal is indicated by -1, and a TRUE LOW signal is indicated by -0.

SIGNAL -1 = TRUE HIGH  
 SIGNAL -0 = TRUE LOW

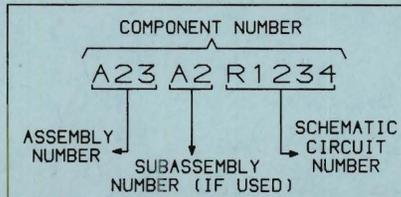
### 2. Cross-References

Schematic cross-references (from/to information) are included on the schematics. The "from" reference only indicates the signal "source," and the "to" reference lists all loads where the signal is used. All from/to information will be enclosed in parentheses.

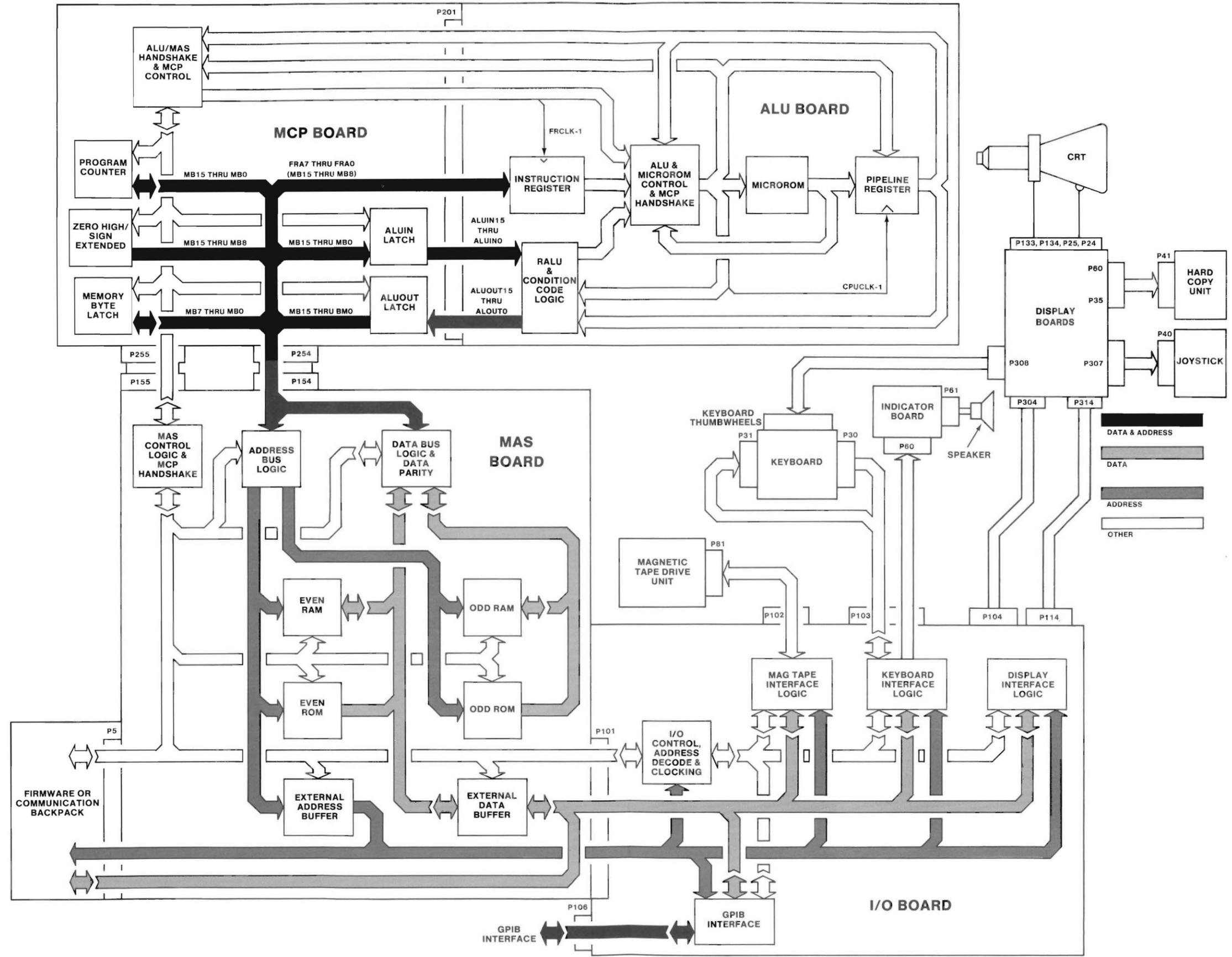


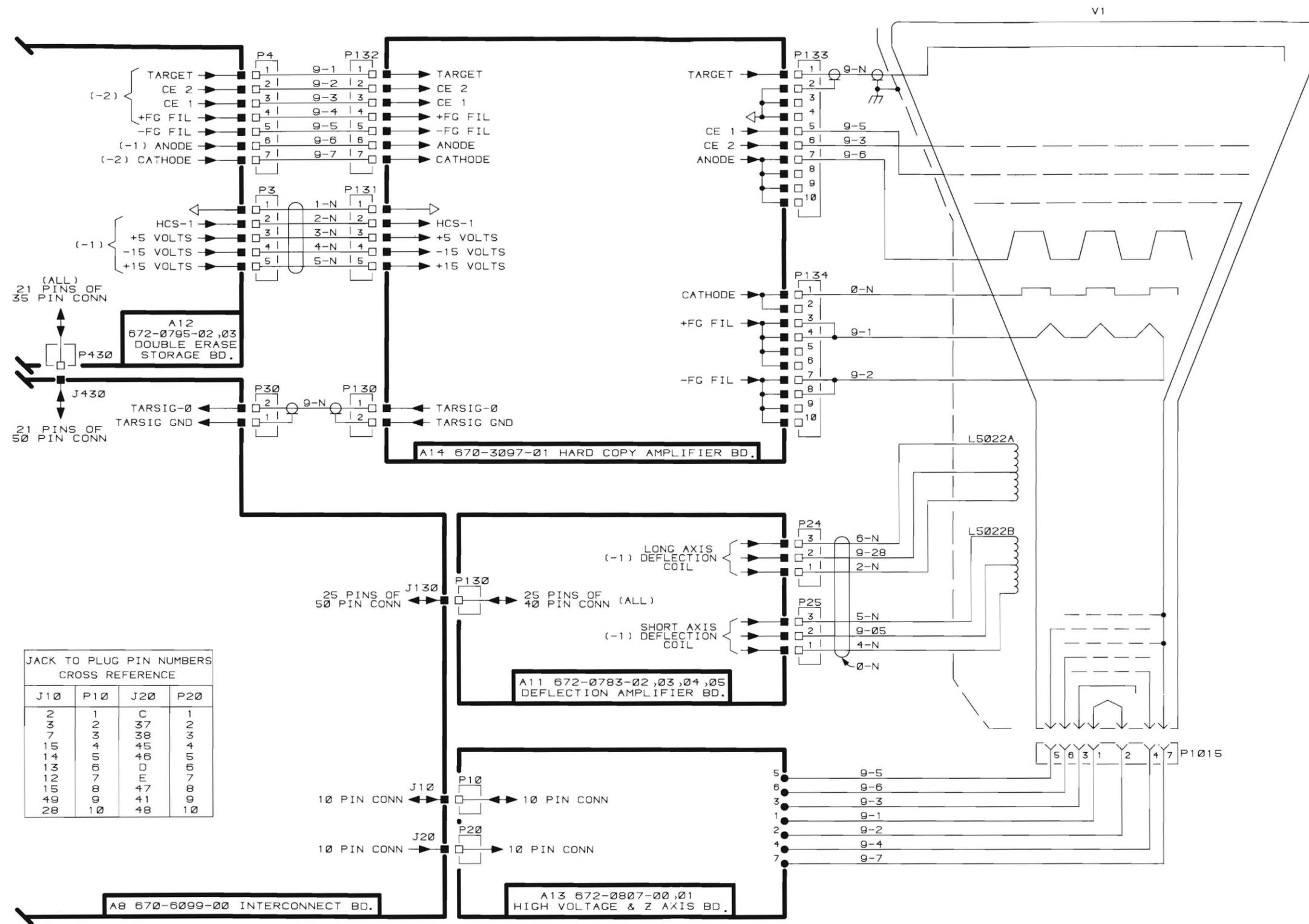
### 3. Component Number Example

COMPONENT NUMBER EXAMPLE



CHASSIS-MOUNTED COMPONENTS HAVE NO ASSEMBLY NUMBER PREFIX—SEE END OF REPLACEABLE ELECTRICAL PARTS LIST.





JACK TO PLUG PIN NUMBERS CROSS REFERENCE

J10	P10	J20	P20
2	1	C	1
3	2	37	2
7	3	38	3
15	4	45	4
14	5	46	5
13	6	D	6
12	7	E	7
15	8	47	8
49	9	41	9
28	10	48	10

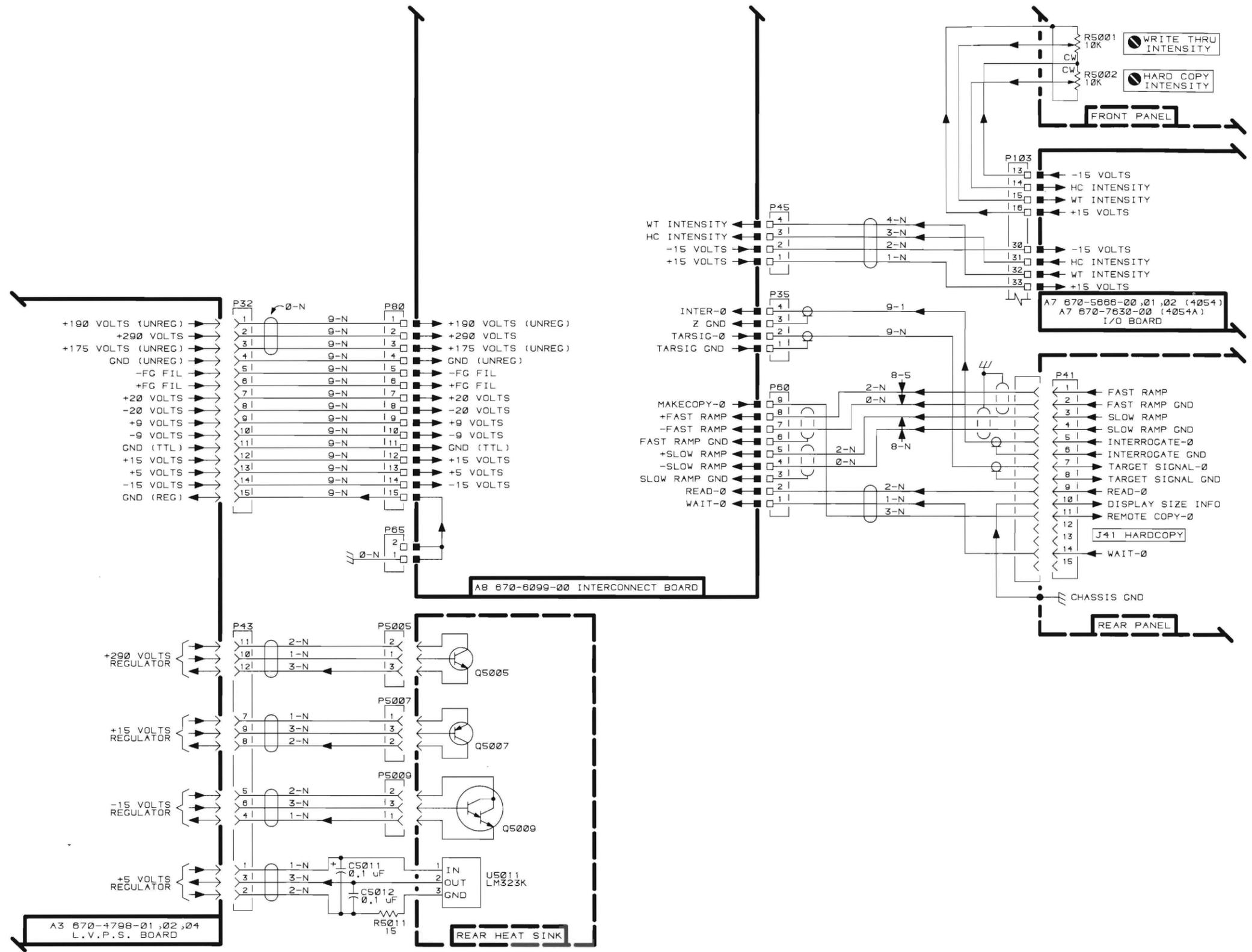
INSTRUMENT:  
4054/4054A

NOTES:  
ADD, JULY 1982  
2839-11

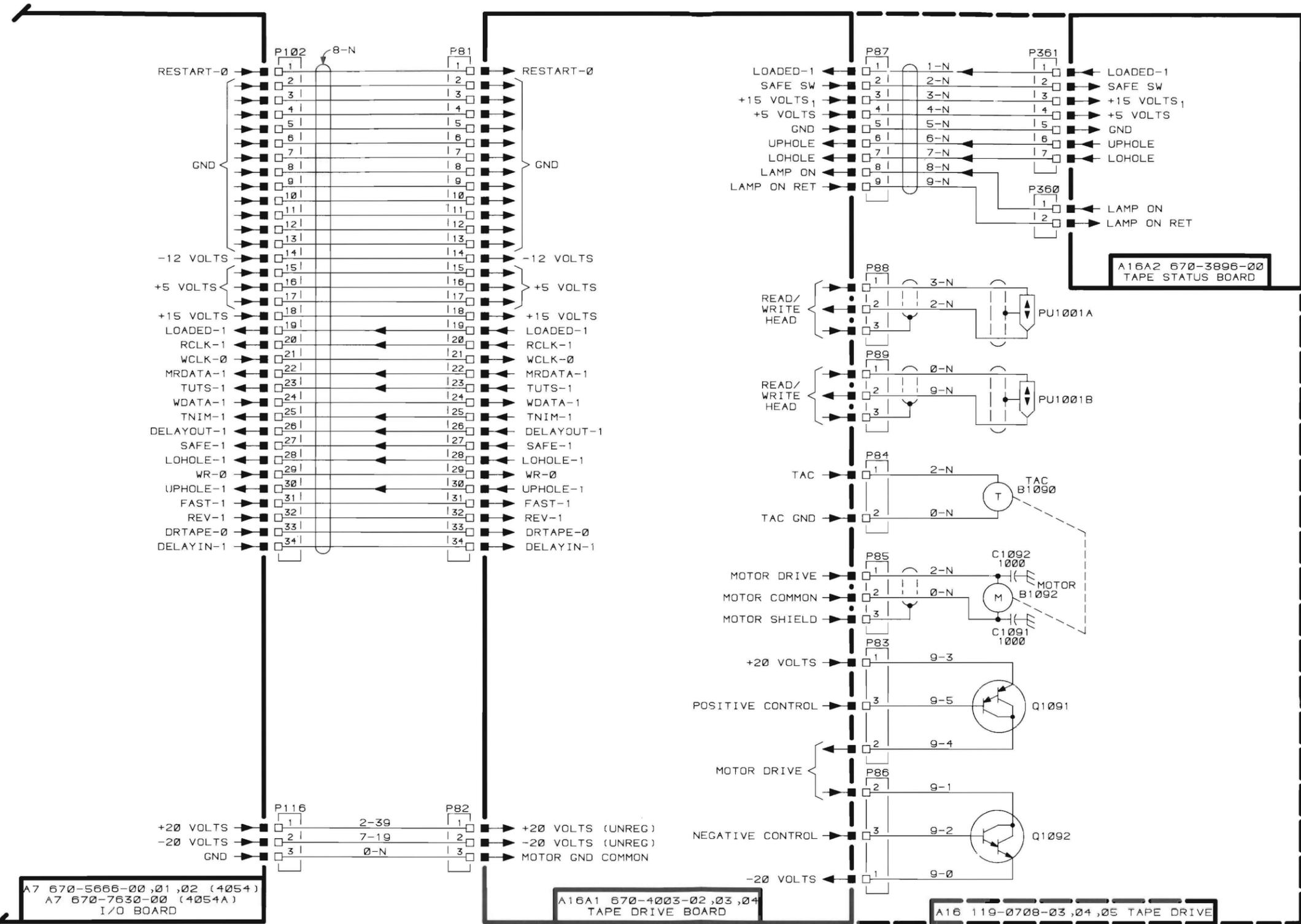
DIAGRAM:  
SYSTEM INTERCONNECT  
CRT

SHEET:  
1 OF 8

INTERCONNECT



INSTRUMENT: 4054/4054A	NOTES:	ADD, JULY 1982 2829-12	DIAGRAM: SYSTEM INTERCONNECT DISPLAY	SHEET: 2 OF 8
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INSTRUMENT:

4054/4054A

NOTES:

ADD, JULY 1982

2839-13

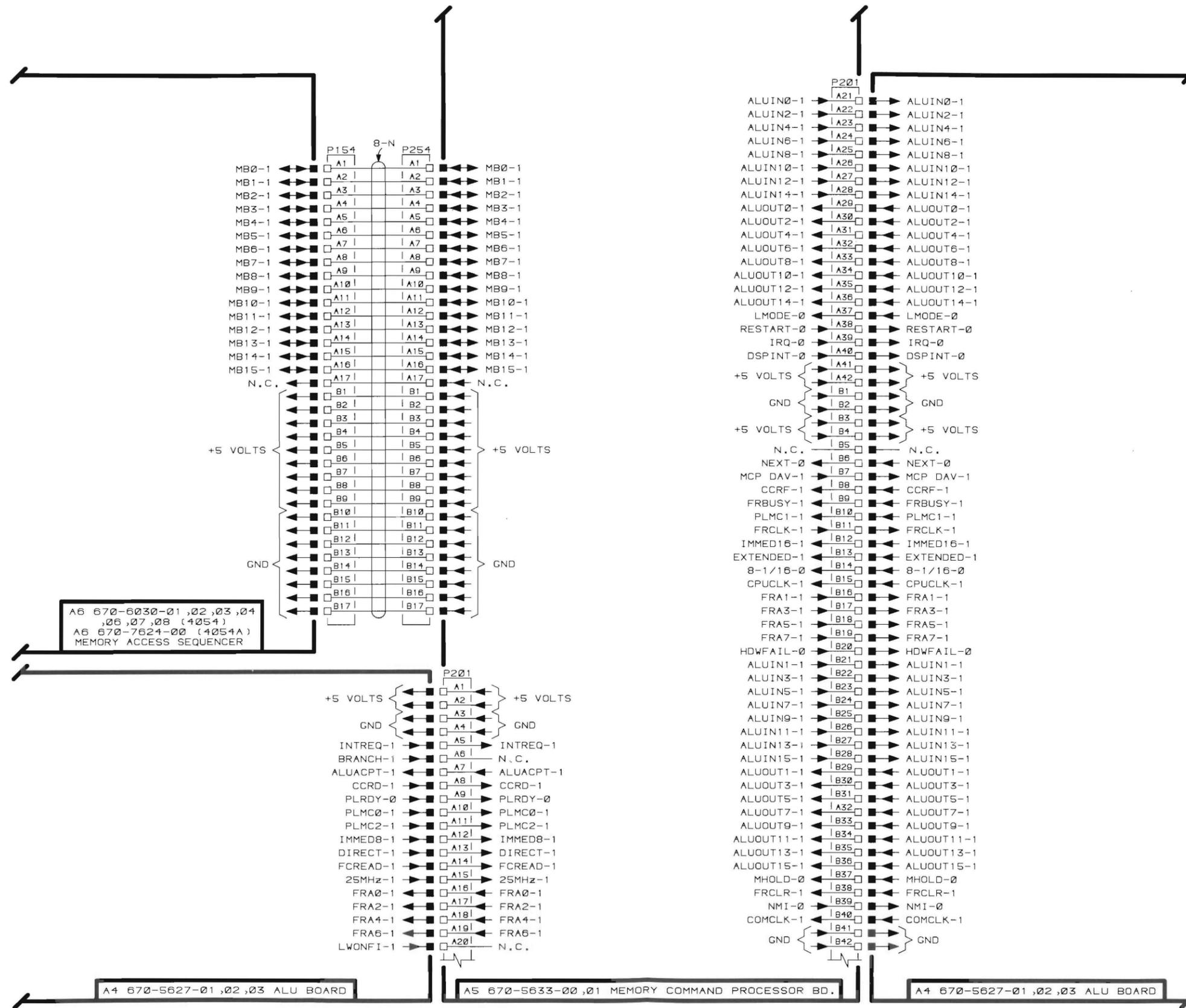
DIAGRAM:

SYSTEM INTERCONNECT  
TAPE DRIVE

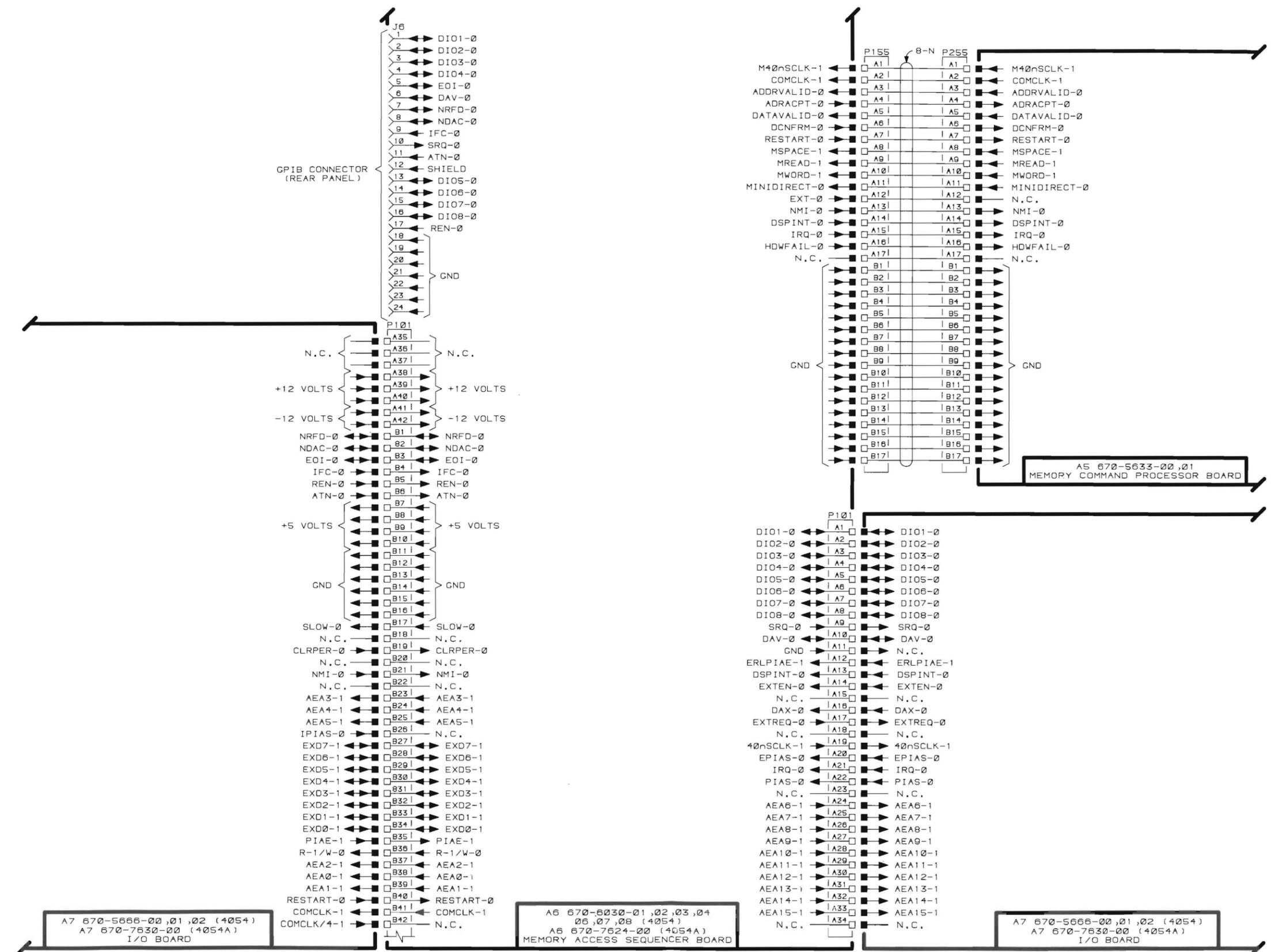
SHEET:

3 OF 8

INTERCONNECT 1

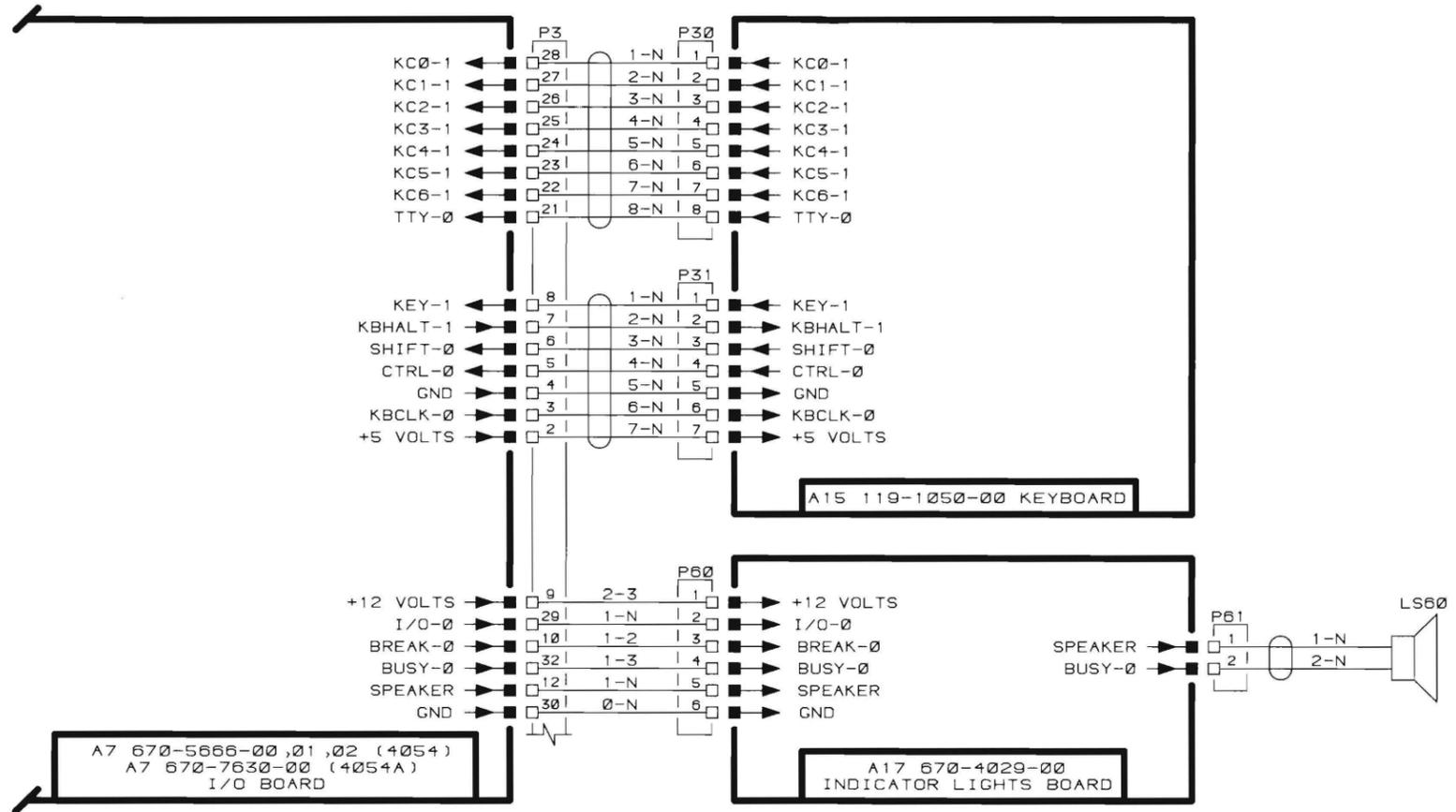


MEMORY COMMAND PROCESSOR INTERCONNECT



INTERCONNECT

0015700000001

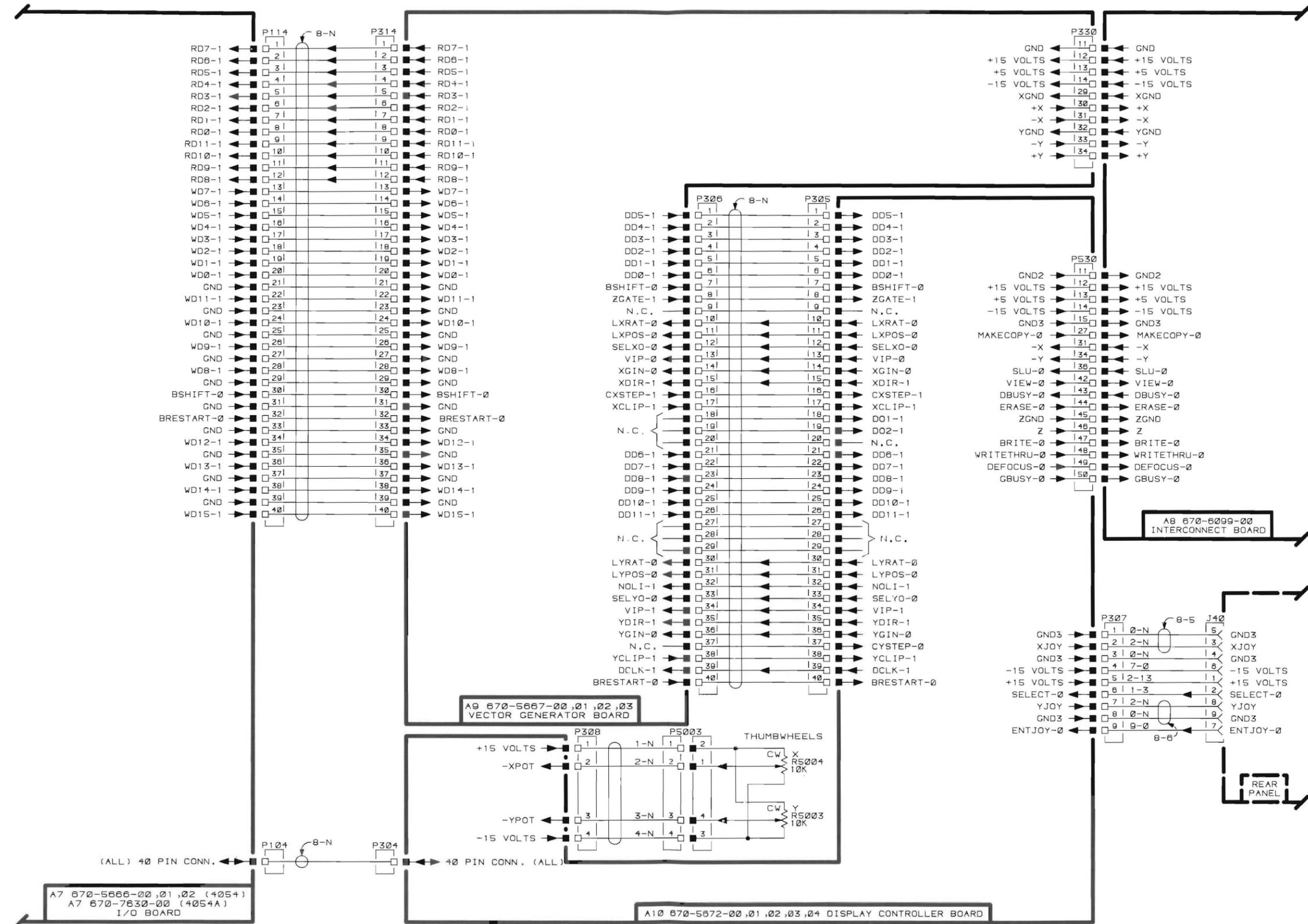


INSTRUMENT:  
4054/4054A

NOTES:  
  
ADD, JULY 1982  
2839-16

DIAGRAM:  
SYSTEM INTERCONNECT  
KEYBOARD & INDICATOR LIGHTS

SHEET:  
6 OF 8



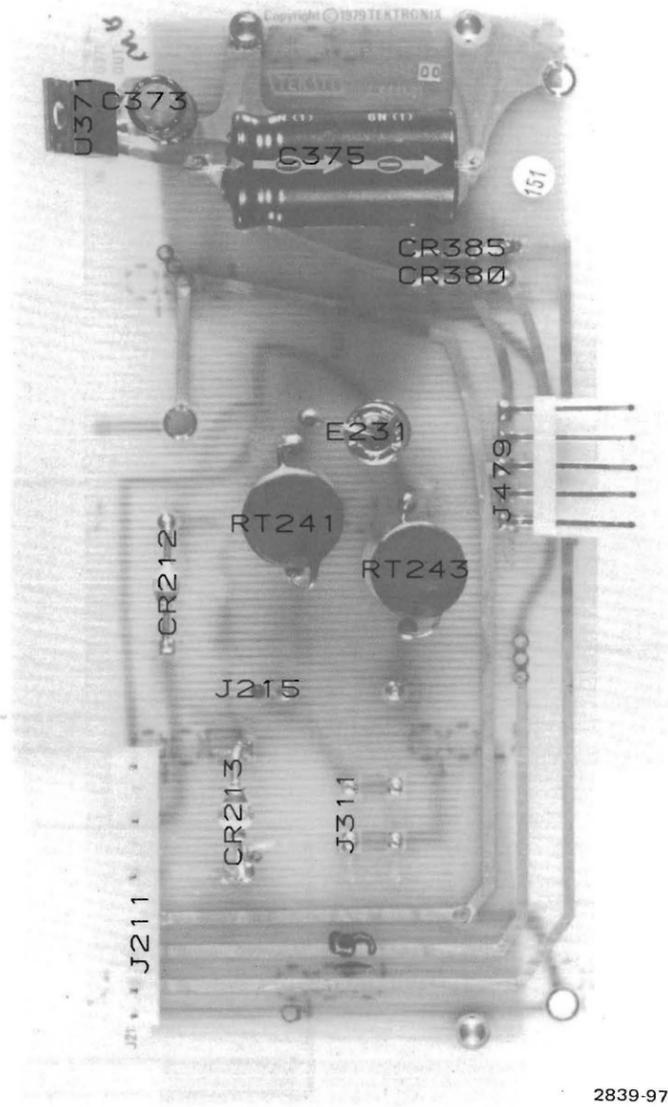
INSTRUMENT:  
4054/4054A

NOTES:

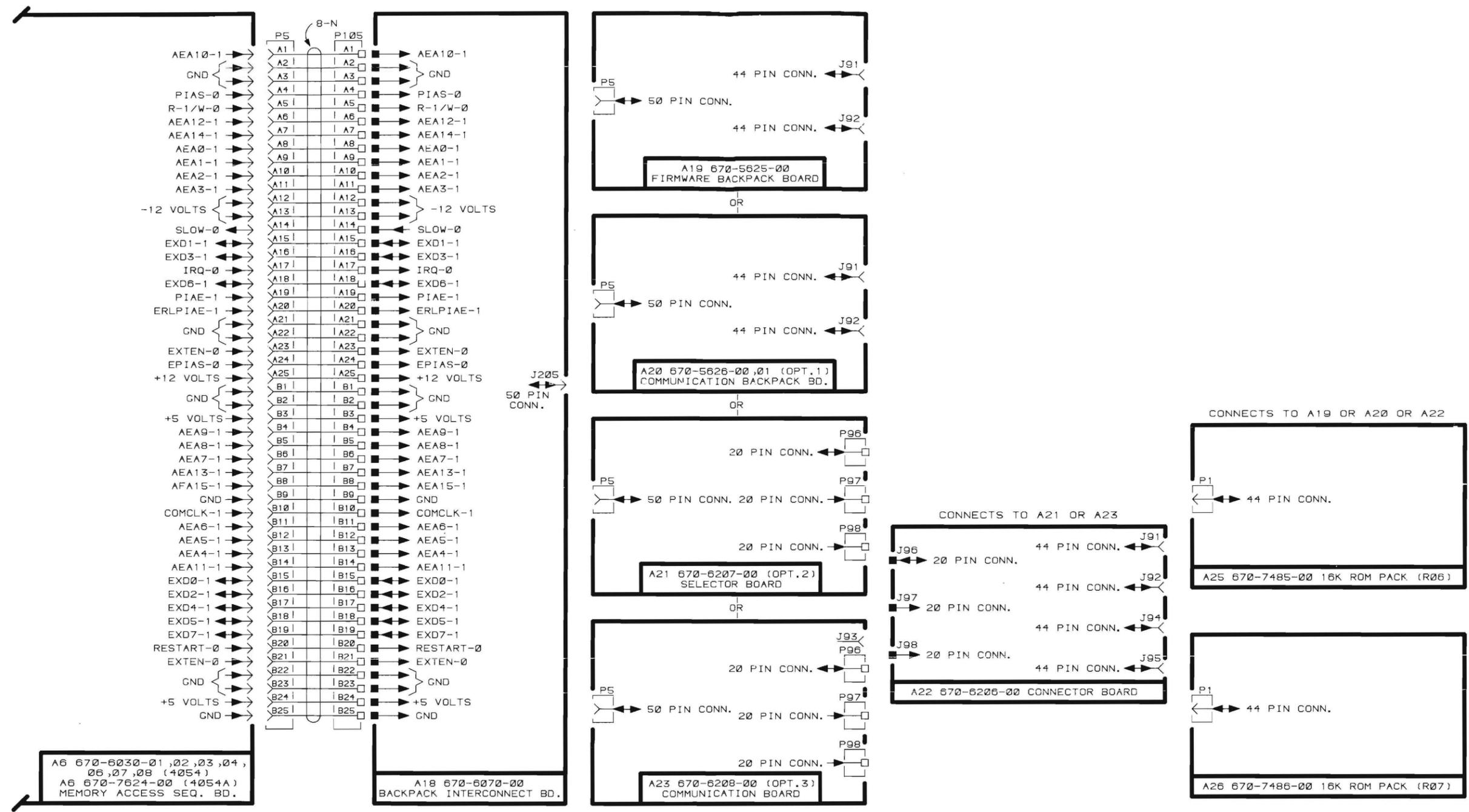
ADD, JULY 1982  
2839-17

DIAGRAM:  
SYSTEM INTERCONNECT  
DISPLAY CONTROLLER

SHEET:  
7 OF 8



Primary Interconnect Board Component Locations (670-5942-00, 01).



INSTRUMENT:  
4054/4054A

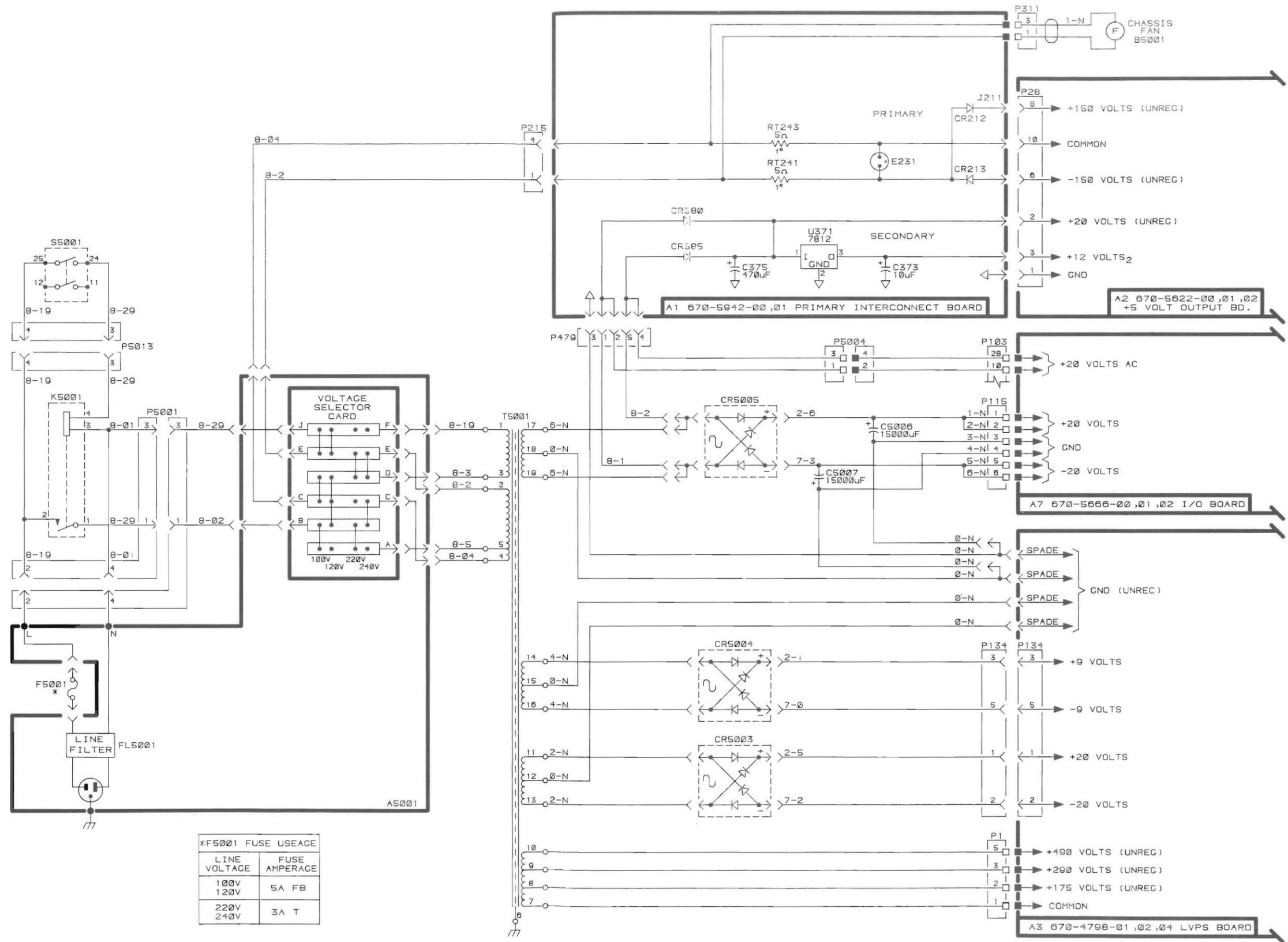
NOTES:

ADD, JULY 1982  
2839-18

DIAGRAM:  
SYSTEM INTERCONNECT  
BACKPACK OPTIONS

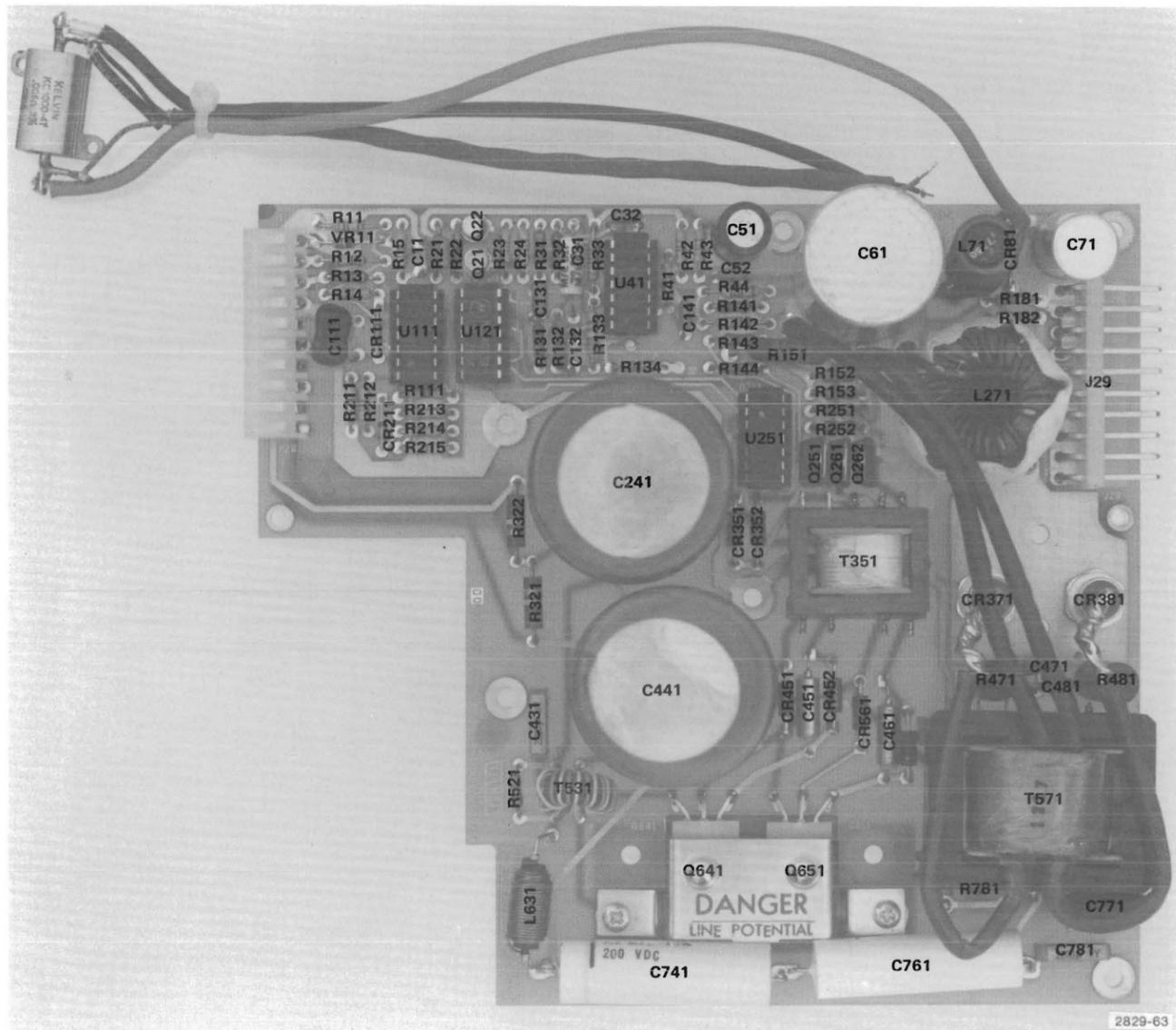
SHEET:  
8 OF 8

BACKPACK OPTIONS  
INTERCONNECT



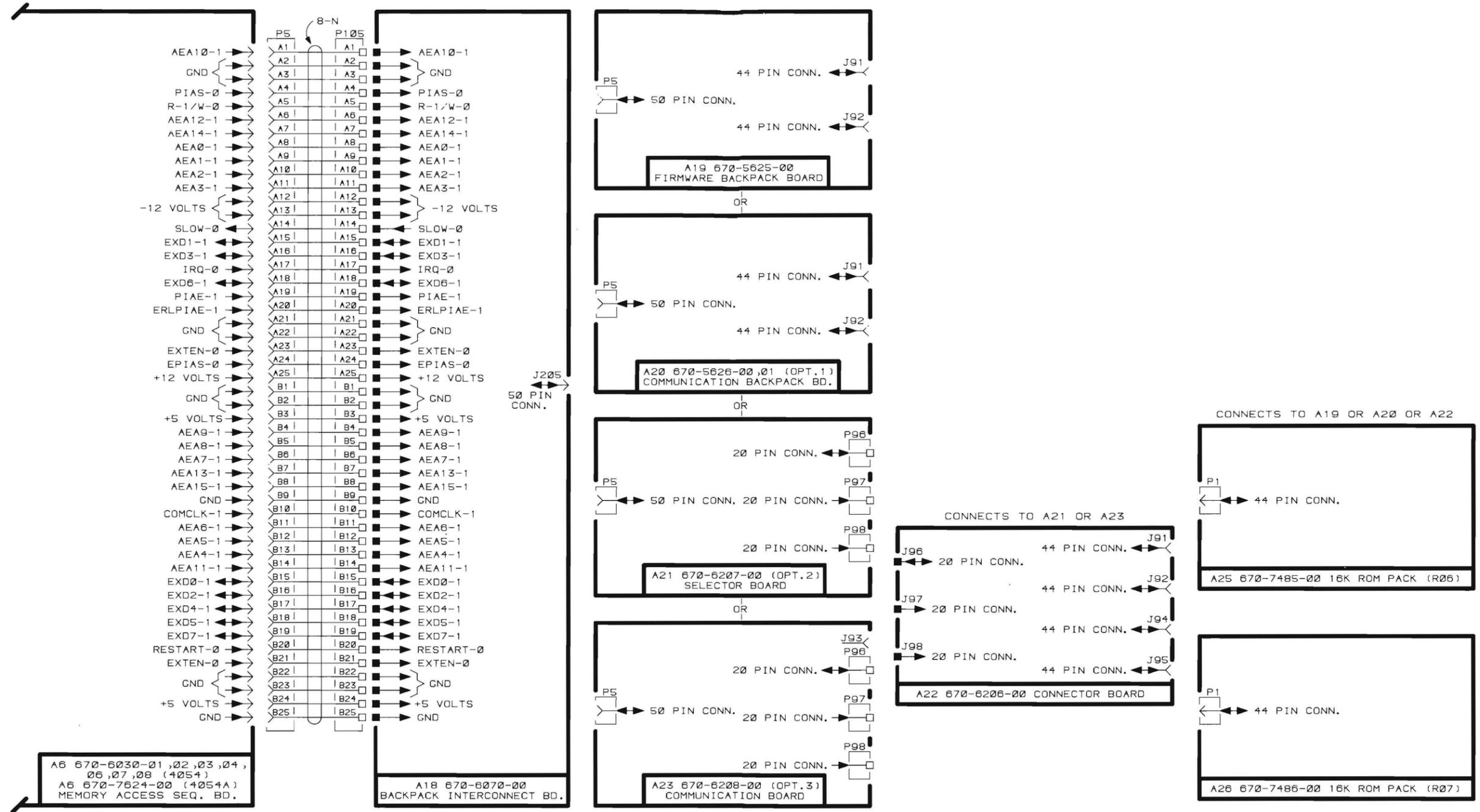
*F5001 FUSE USAGE	
LINE VOLTAGE	FUSE AMPERAGE
100V	5A FB
120V	3A T
220V	
240V	

670-5942-00,01  
 A1-1



**+5 Volt Output Board Component Locations (670-5622-00, 01, 02).**

COMPONENT LOCATIONS



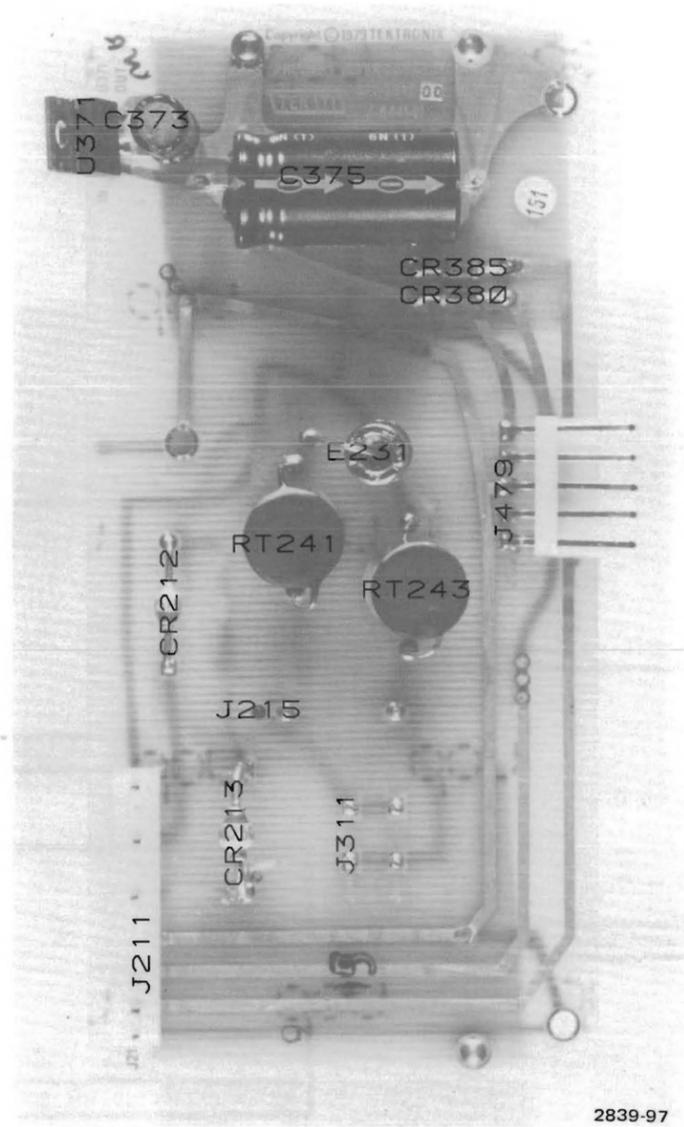
INSTRUMENT:  
4054/4054A

NOTES:

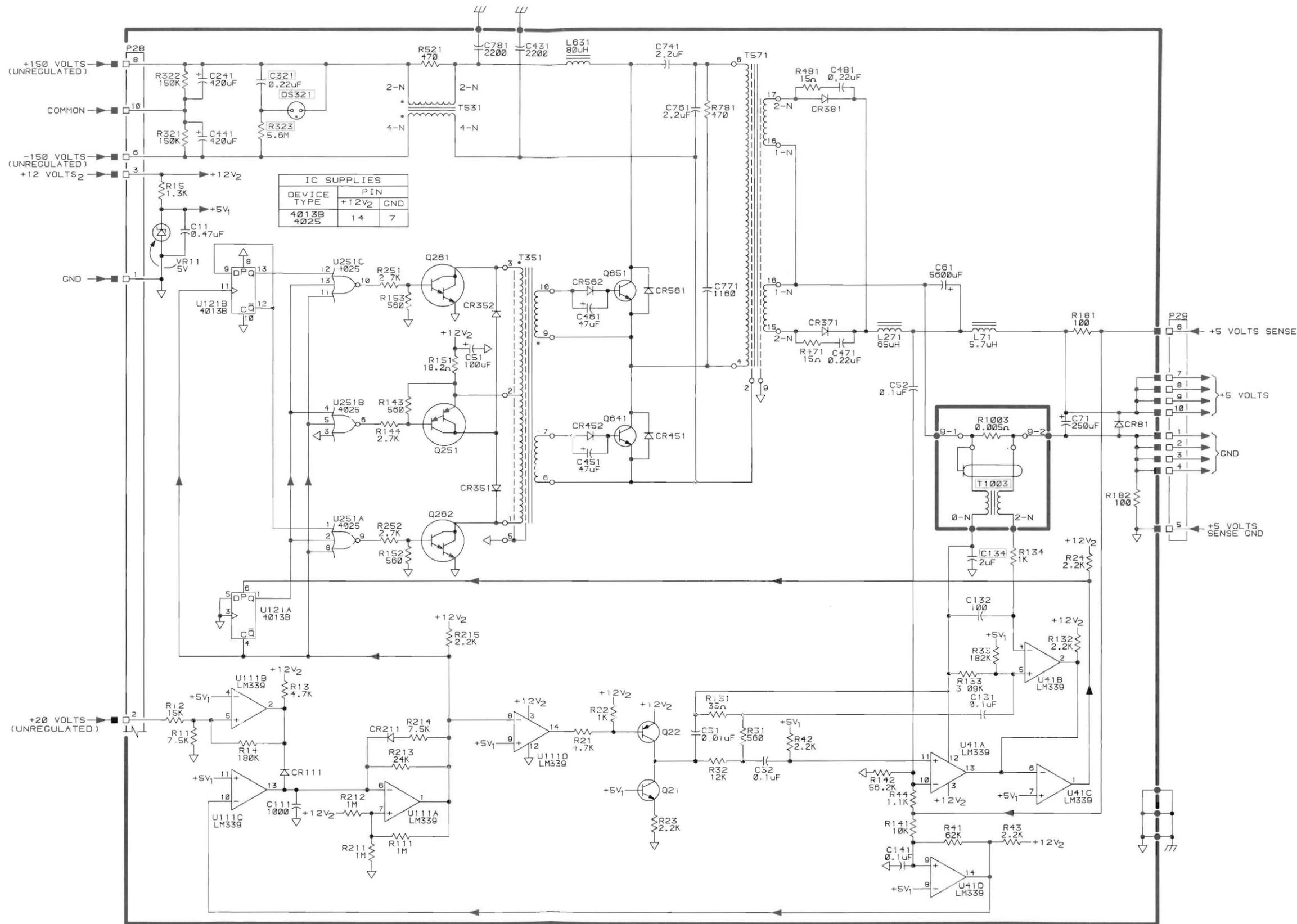
ADD, JULY 1982  
2839-18

DIAGRAM:  
SYSTEM INTERCONNECT  
BACKPACK OPTIONS

SHEET:  
8 OF 8



Primary Interconnect Board Component Locations (670-5942-00, 01).



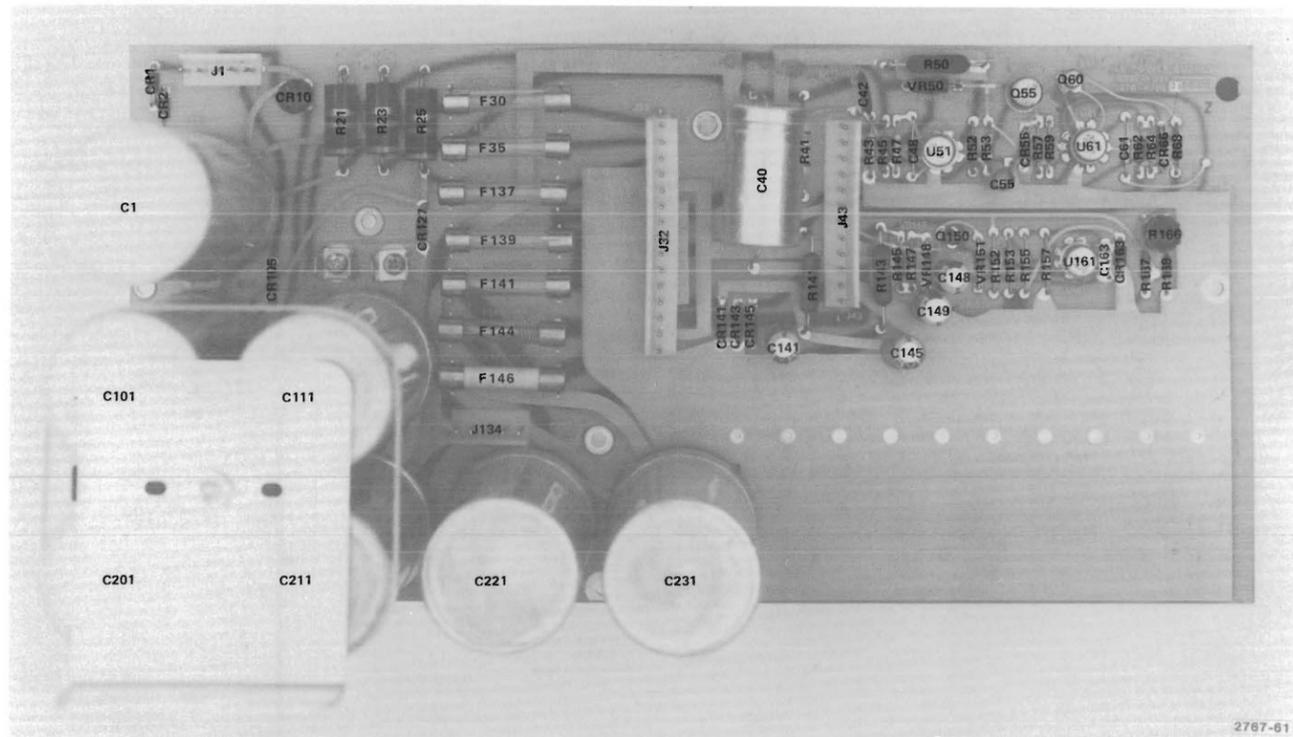
IC SUPPLIES		
DEVICE TYPE	PIN	
4013B	+12V <sub>2</sub>	GND
4025	14	7

INSTRUMENT:  
4054/4054A

NOTES:  
REV, JULY 1982  
2839-S2

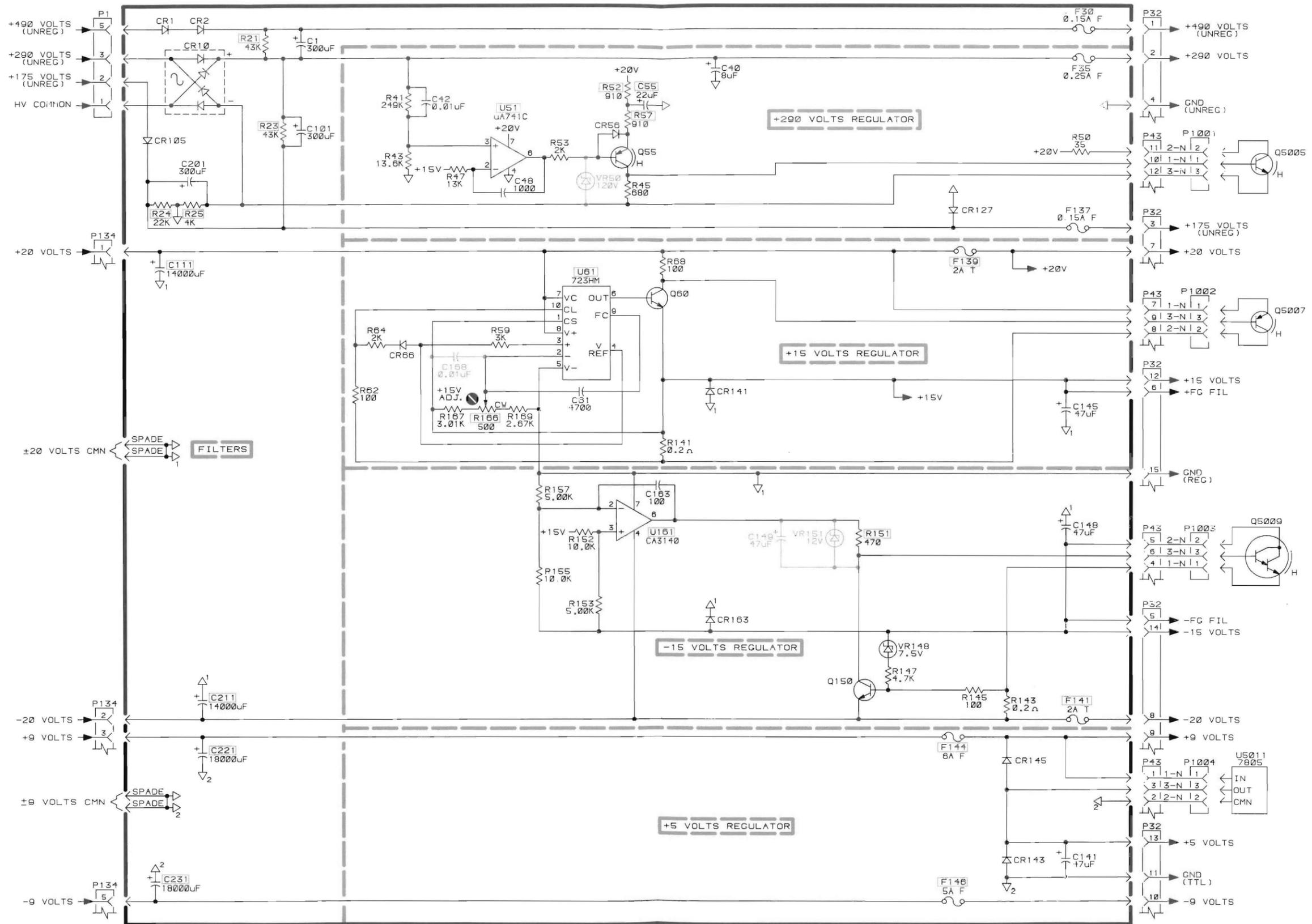
BOARD: 670-5622-00,01,02  
+5 VOLT OUTPUT BOARD

ASSEMBLY-SHEET:  
A2-1  
(1 OF 1)



2787-61

Low Voltage Power Supply Board Component Locations (670-4798-01, 02, 03, 04).



INSTRUMENT:  
4054/4054A

NOTES: SEE PARTS LIST FOR EARLIER  
VALUES AND SERIAL NUMBER  
RANGES OF PARTS OUTLINED  
OR DEPICTED IN GREY.

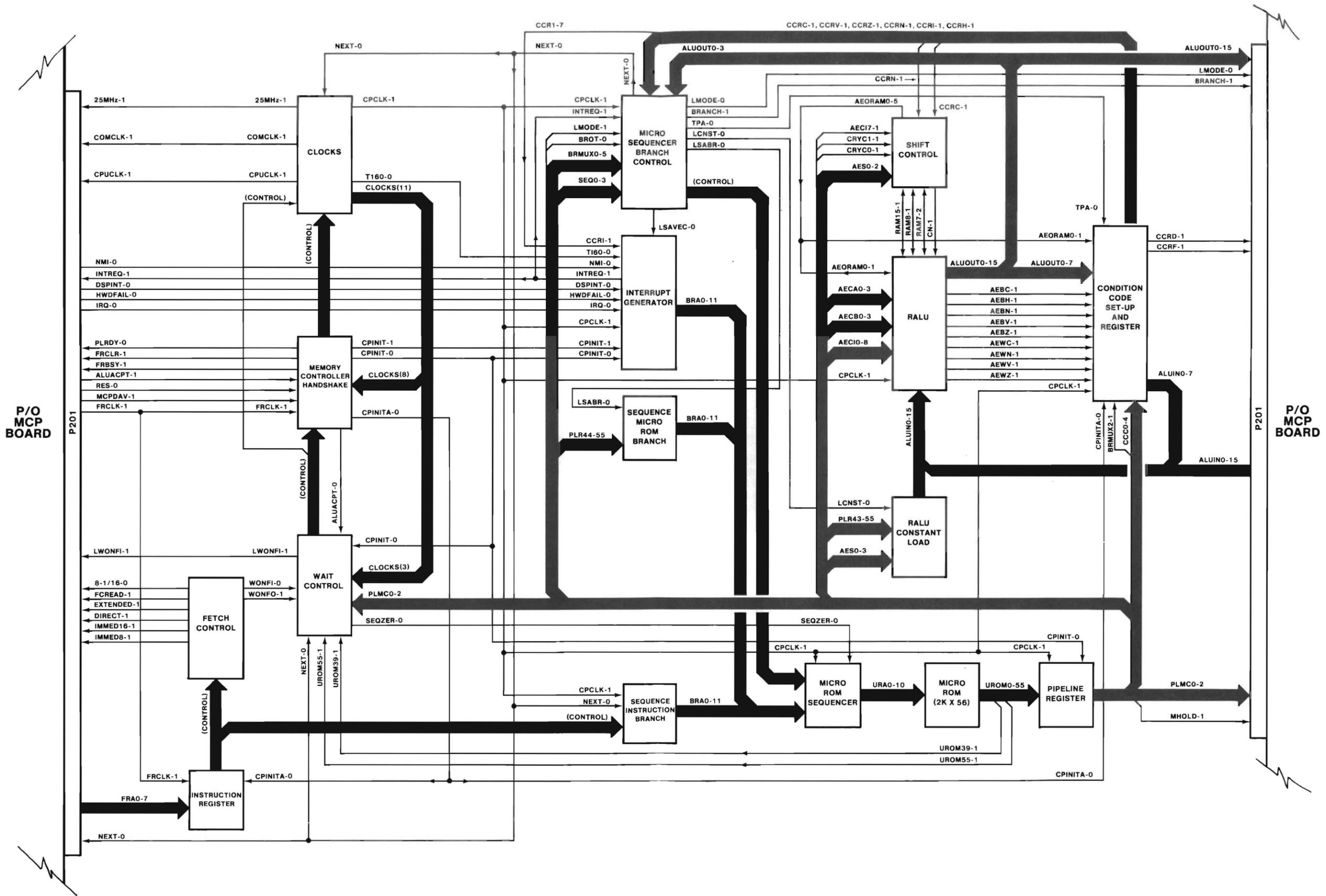
REV, JULY 1982  
2839-S3

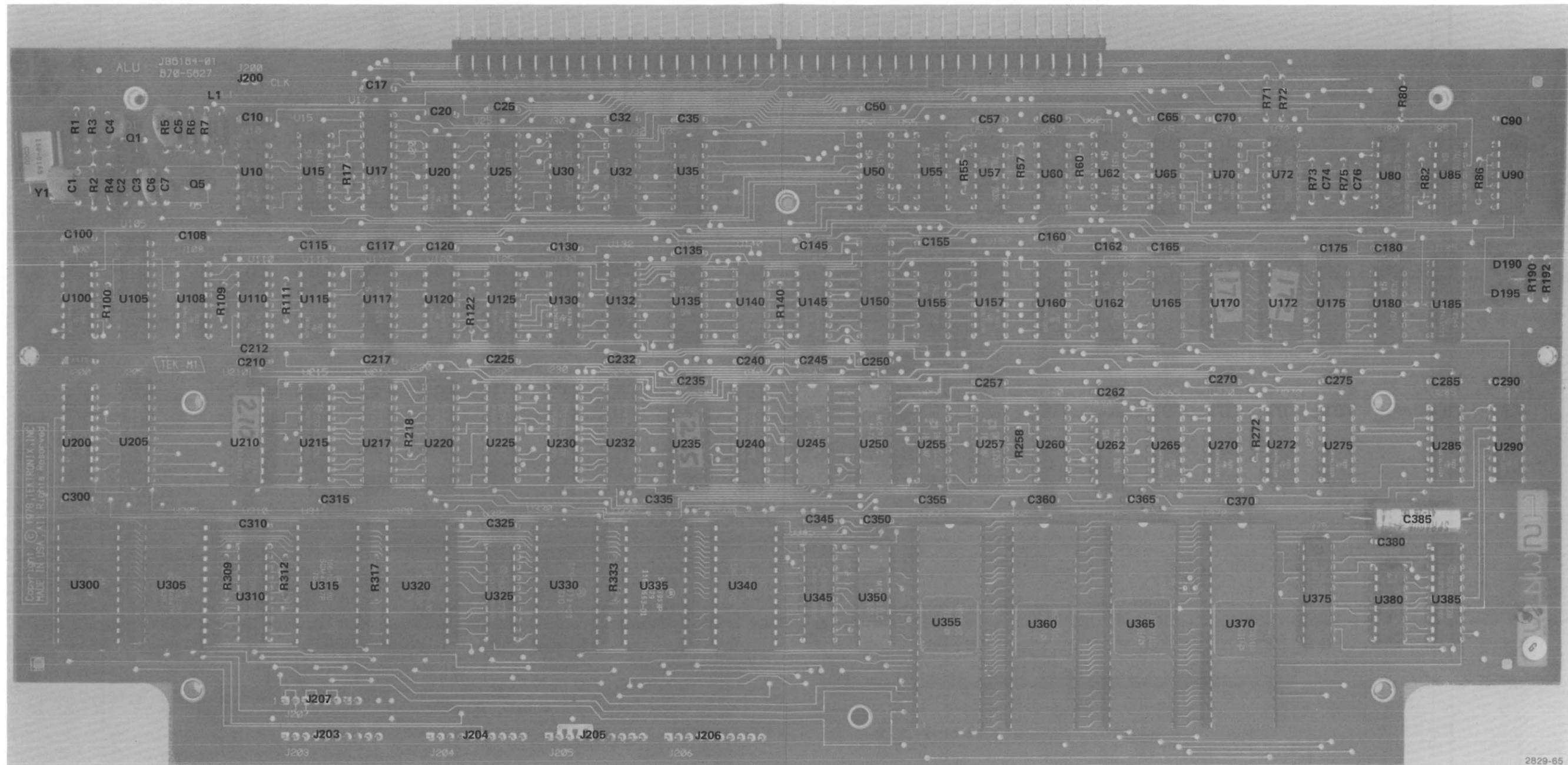
BOARD 670-4798-01, 02, 04

LOW VOLTAGE  
POWER SUPPLY BOARD

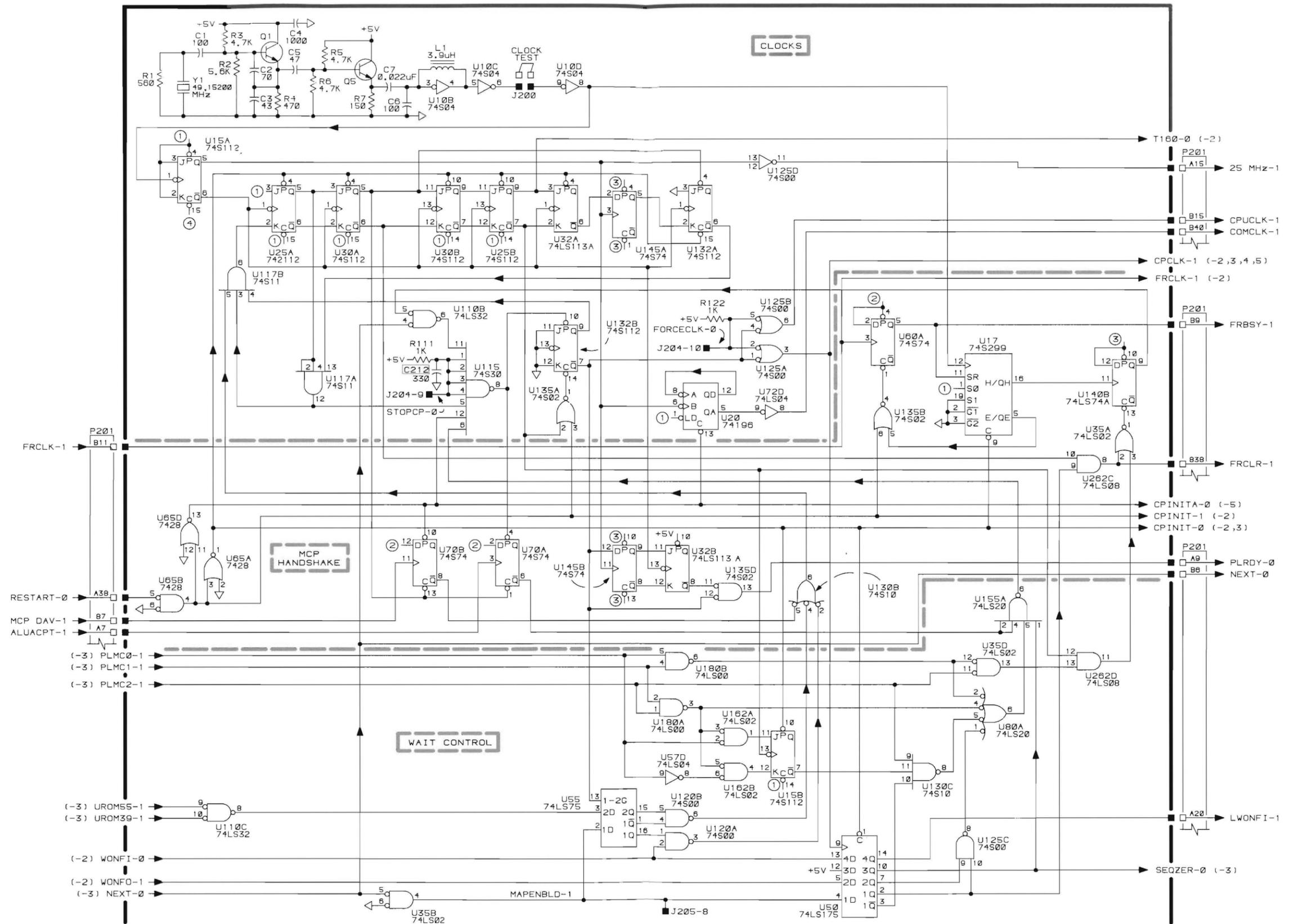
ASSEMBLY-SHEET:

A3-1  
(1 OF 1)

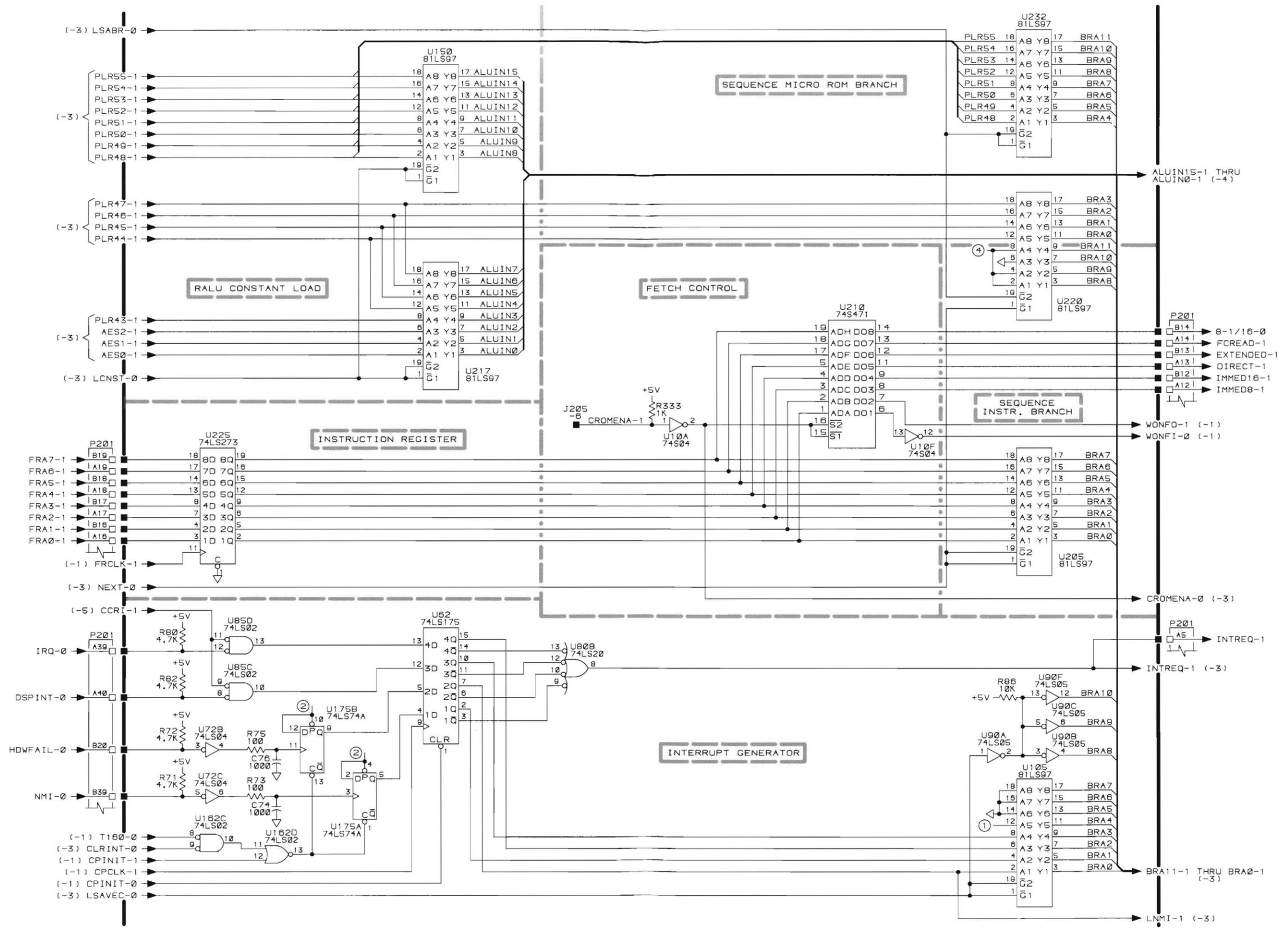




ALU Board Component Locations (670-5627-01, 02, 03).



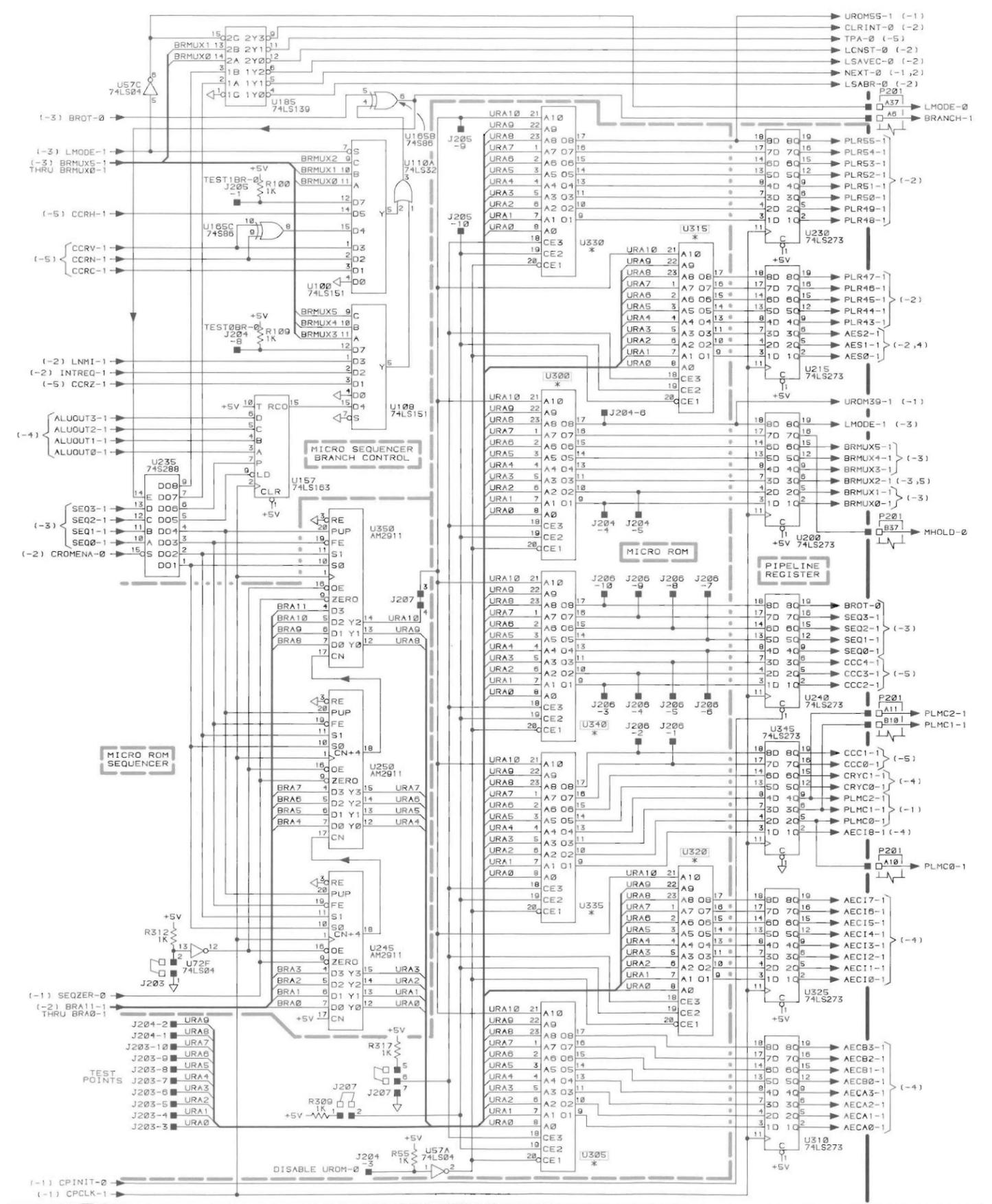
INSTRUMENT: 4054/4054A	NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.	REV, JULY 1982 2839-S4	BOARD: 670-5627-01,02,03 ALU BOARD	ASSEMBLY-SHEET: A4-1 (1 OF 5)
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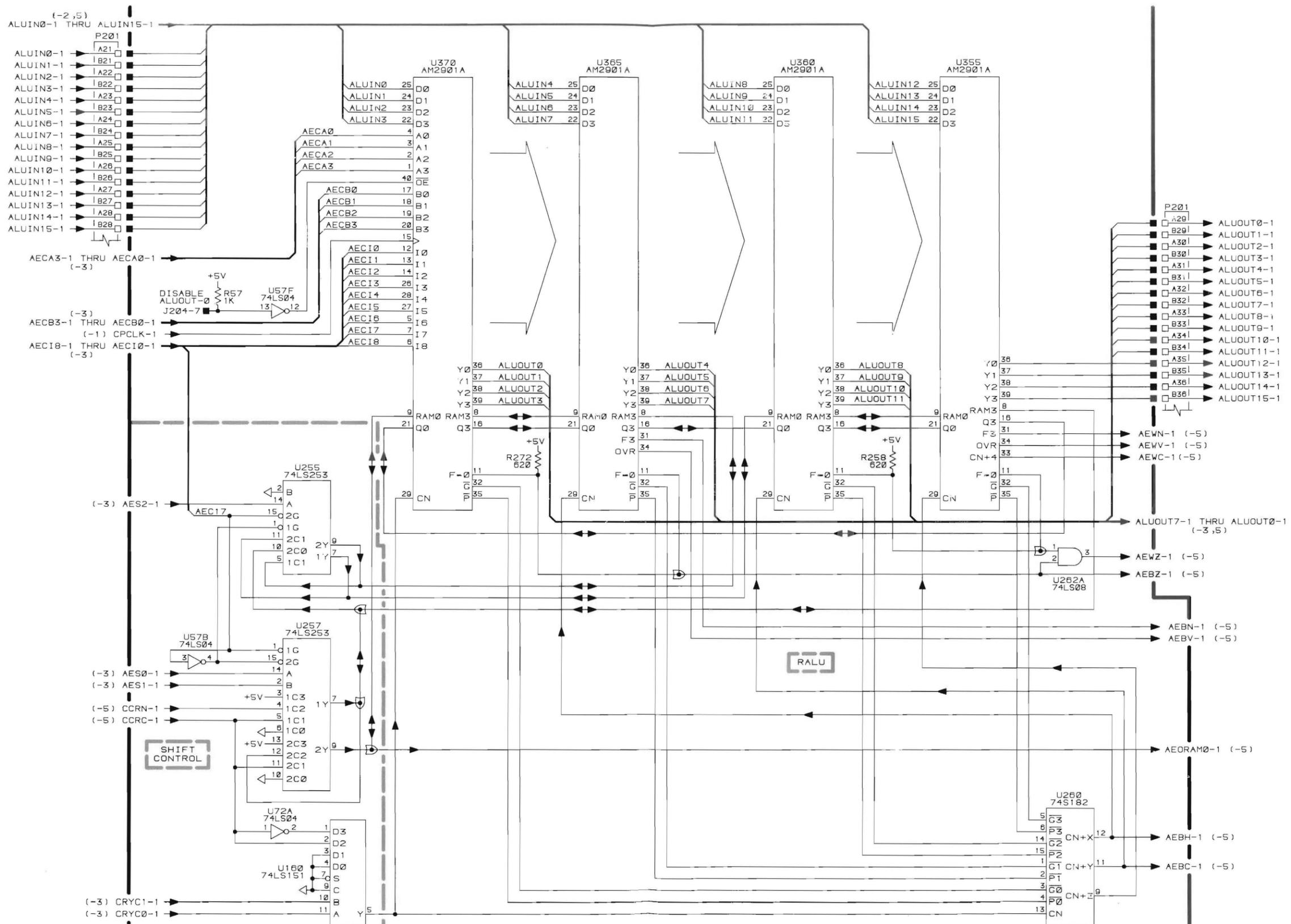


INSTRUMENT:  
4054/4054A

NOTES:  
REV, JULY 1982  
2839-SS

BOARD: 670-5627-01,02,03  
ALU BOARD  
ASSEMBLY-SHEET:  
A4-2  
(2 OF 5)



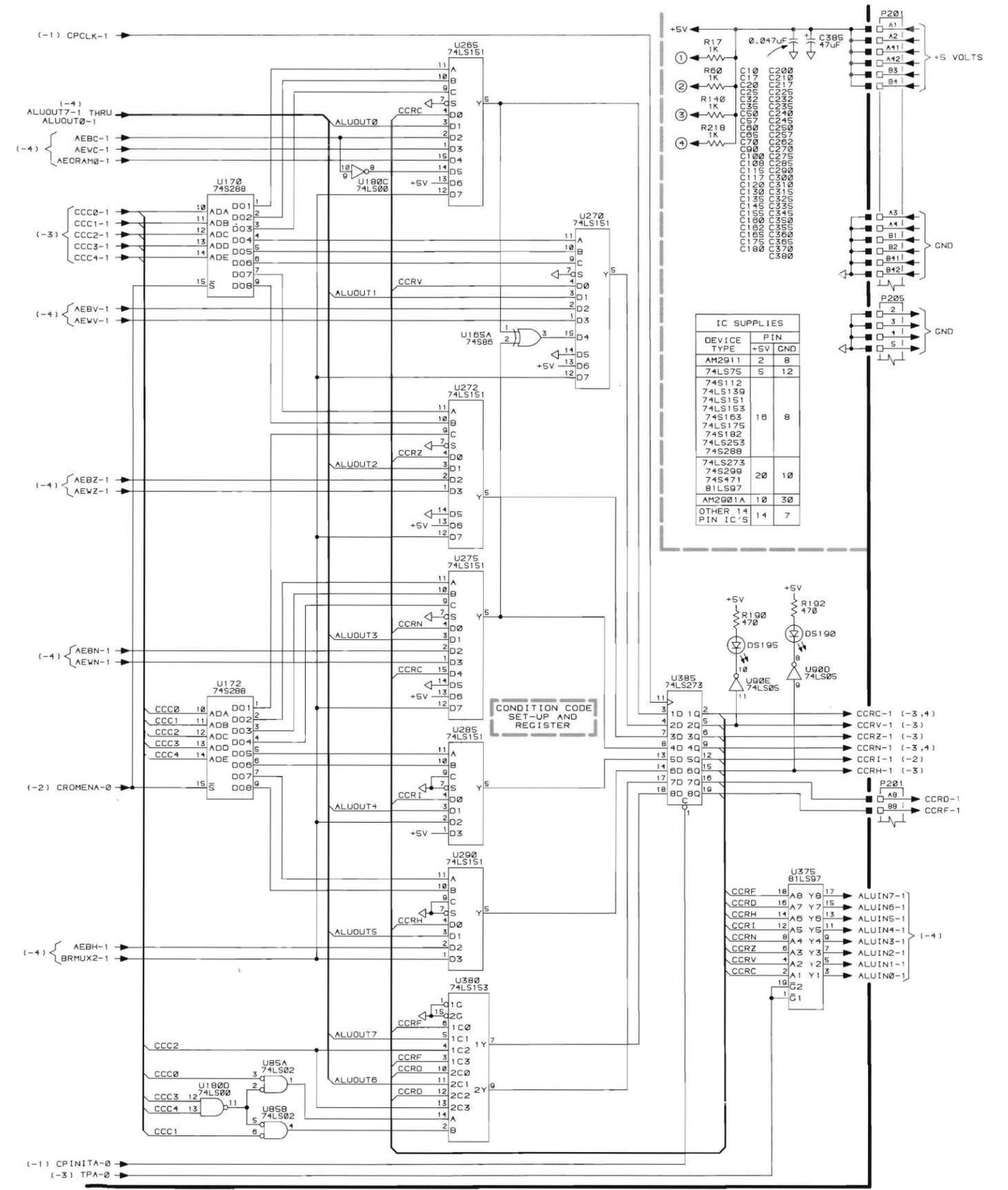


INSTRUMENT:  
4054/4054A

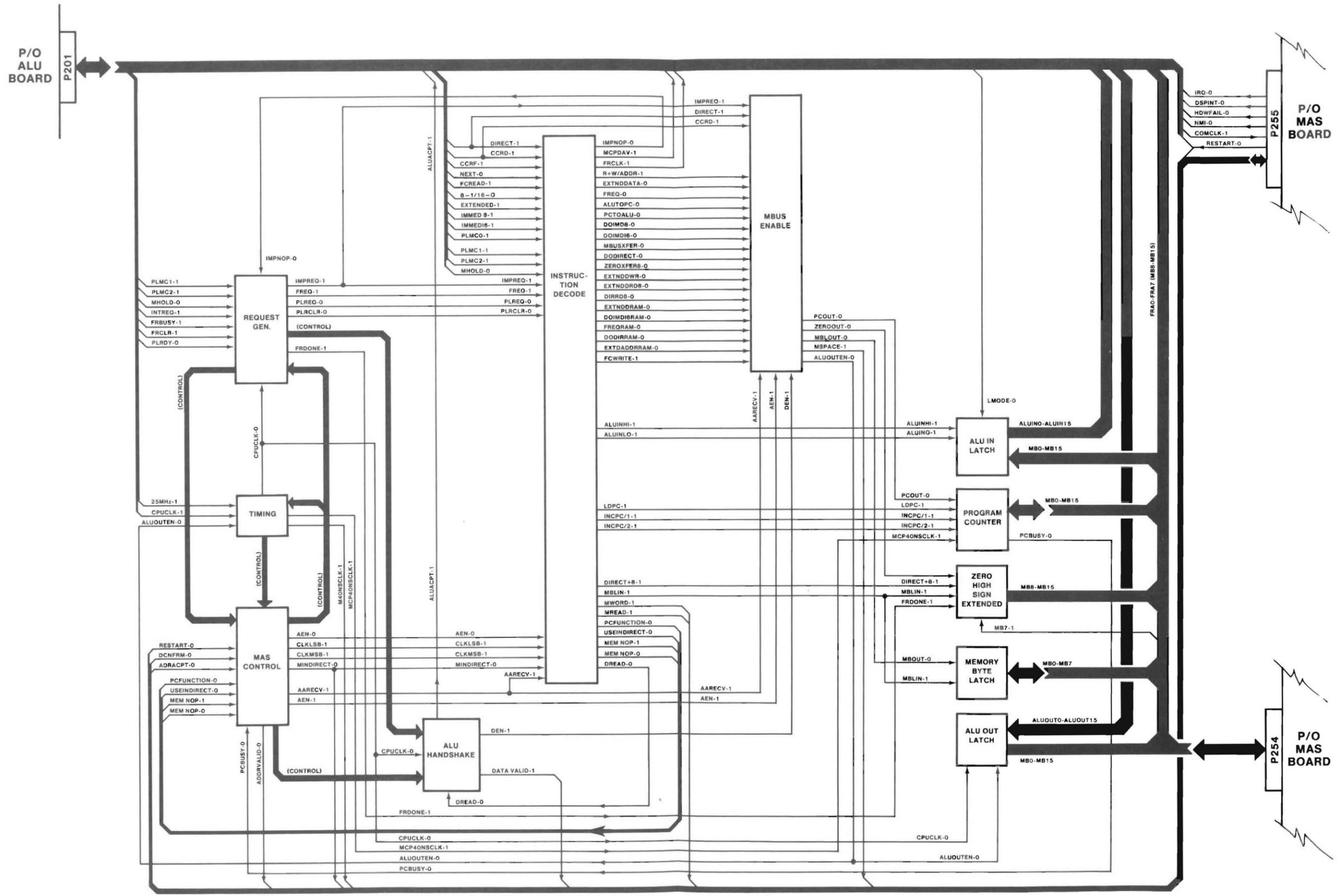
NOTES:  
REV, JULY 1982  
2839-S7

BOARD: 670-5627-01,02,03  
ALU BOARD

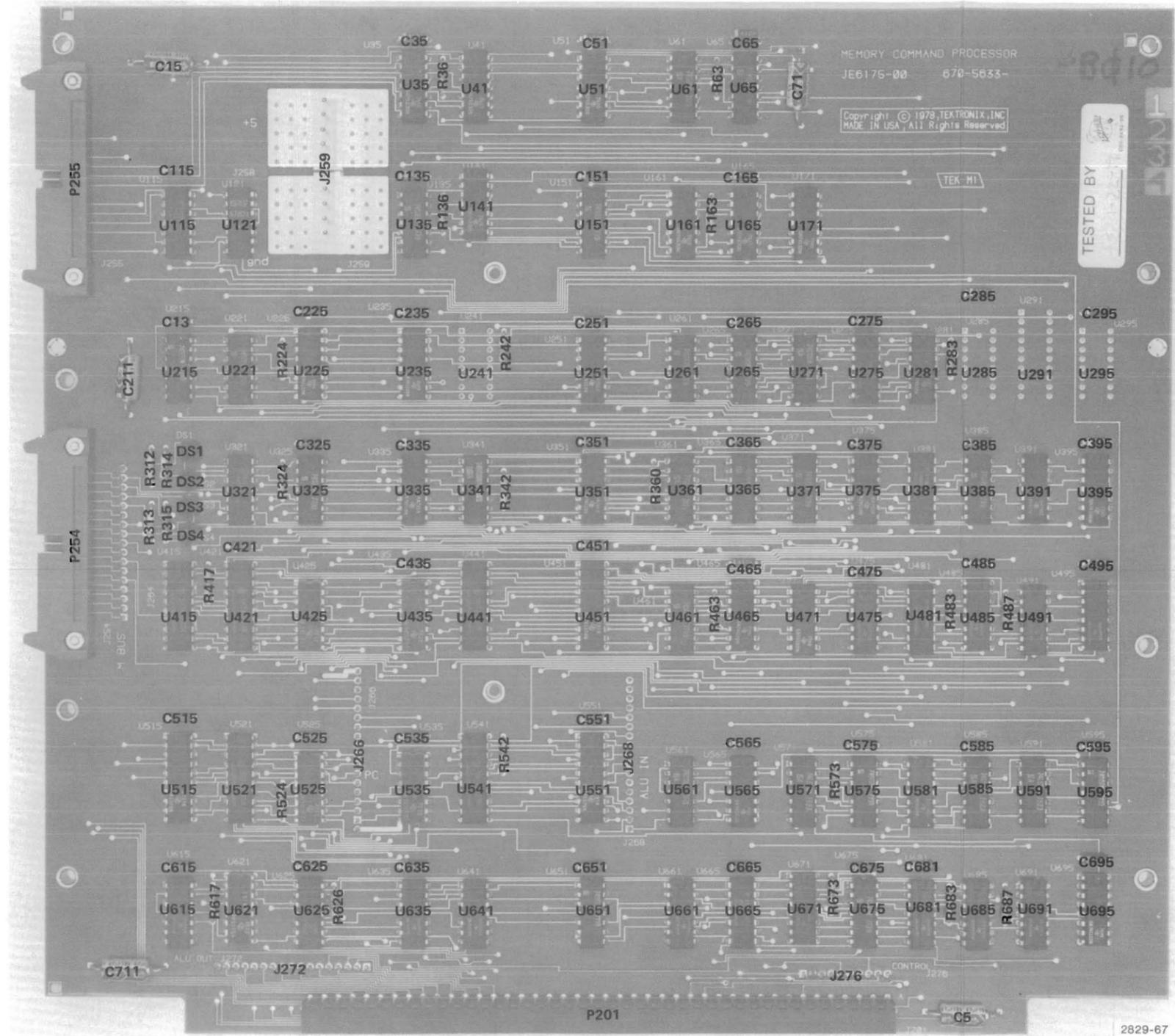
ASSEMBLY-SHEET  
A4-4  
(4 OF 5)



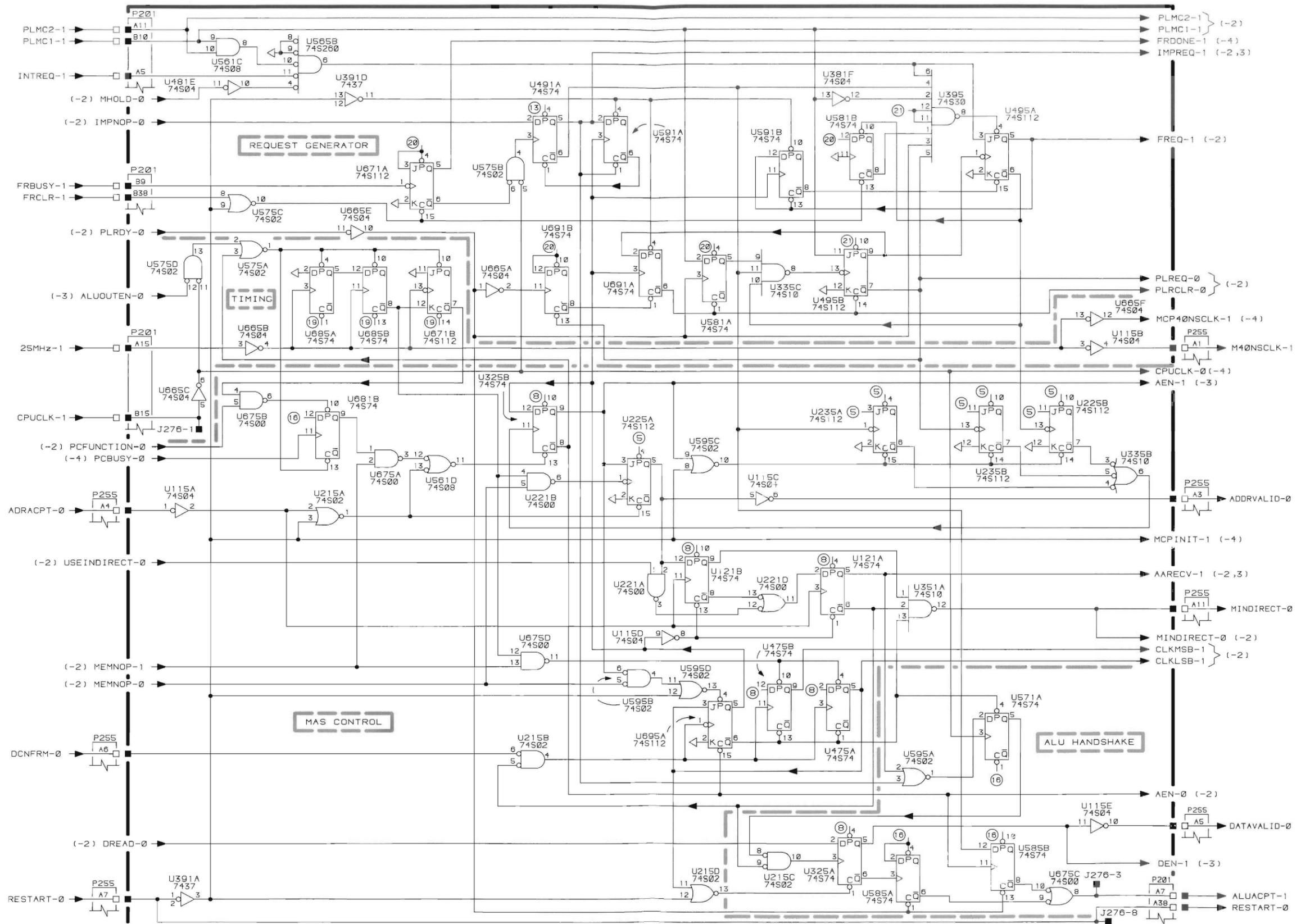
670-5627-00,01,02,03



BOARD LOCATIONS



MCP Board Component Locations (670-5633-00, 01).



INSTRUMENT:  
4054/4054A

NOTES:

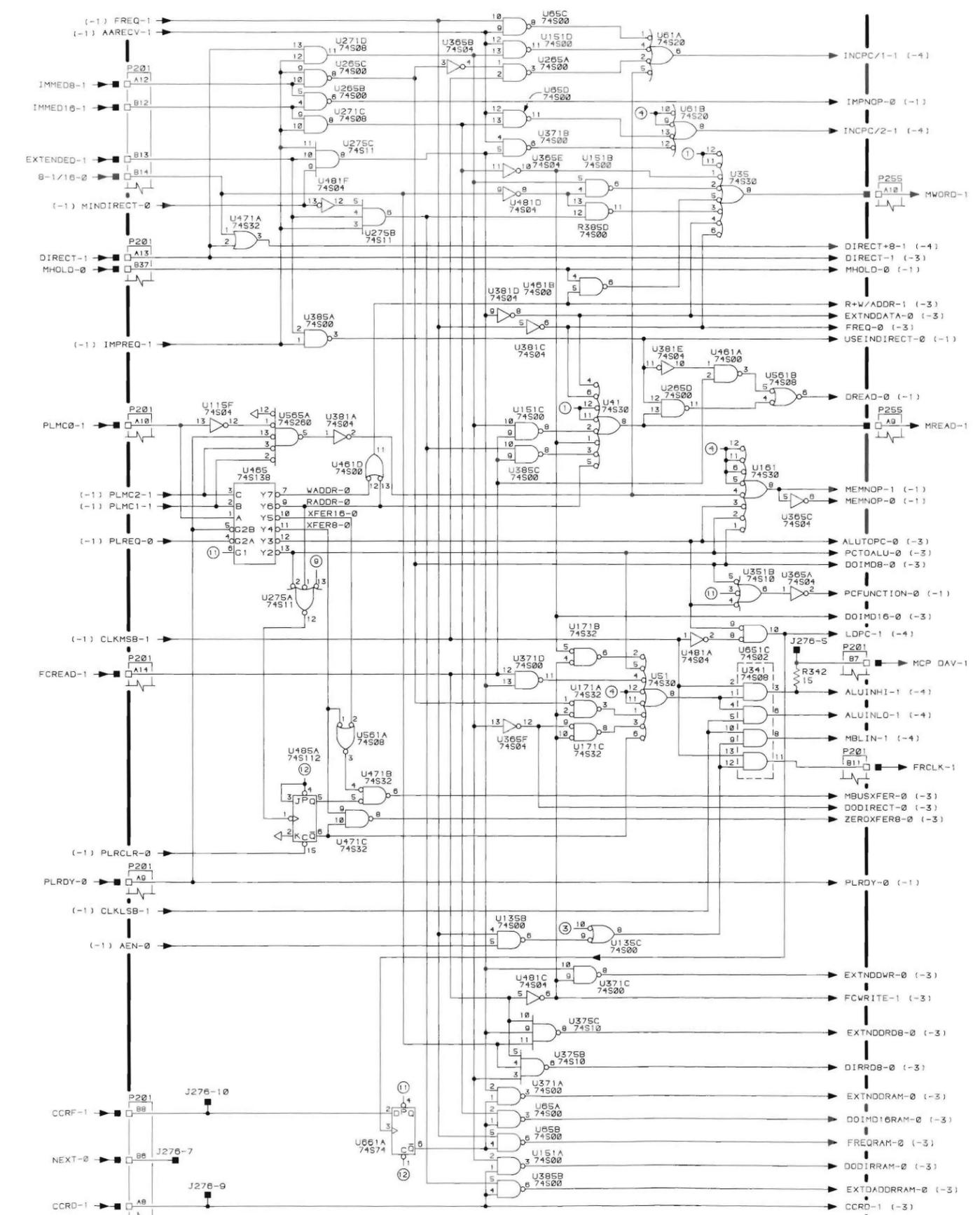
REV, JULY 1982  
2839-99

BOARD: 670-5633-00,01  
MEMORY COMMAND PROCESSOR

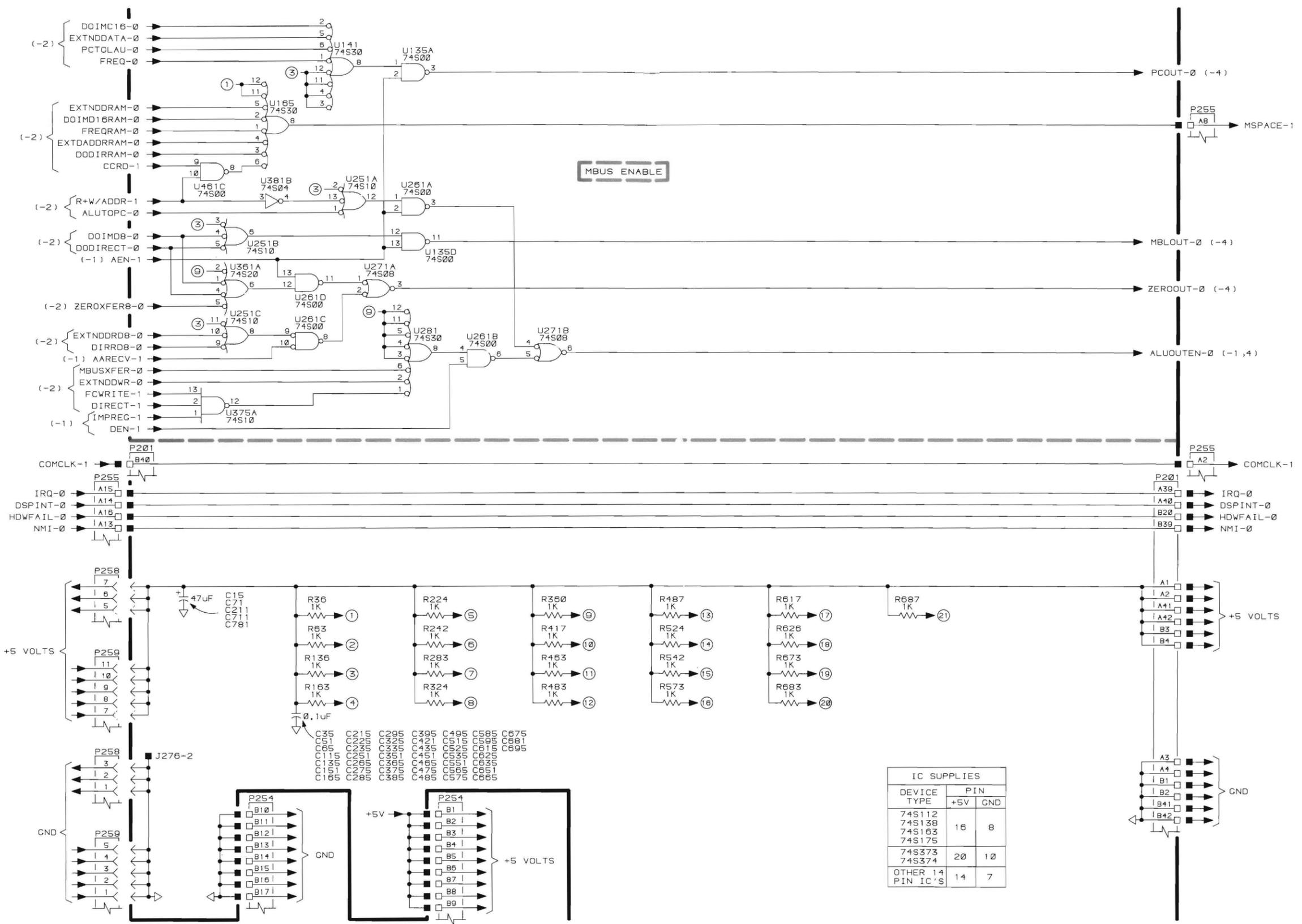
ASSEMBLY-SHEET:  
A5-1  
(1 OF 4)

MCP BOARD  
670-5633-00,01

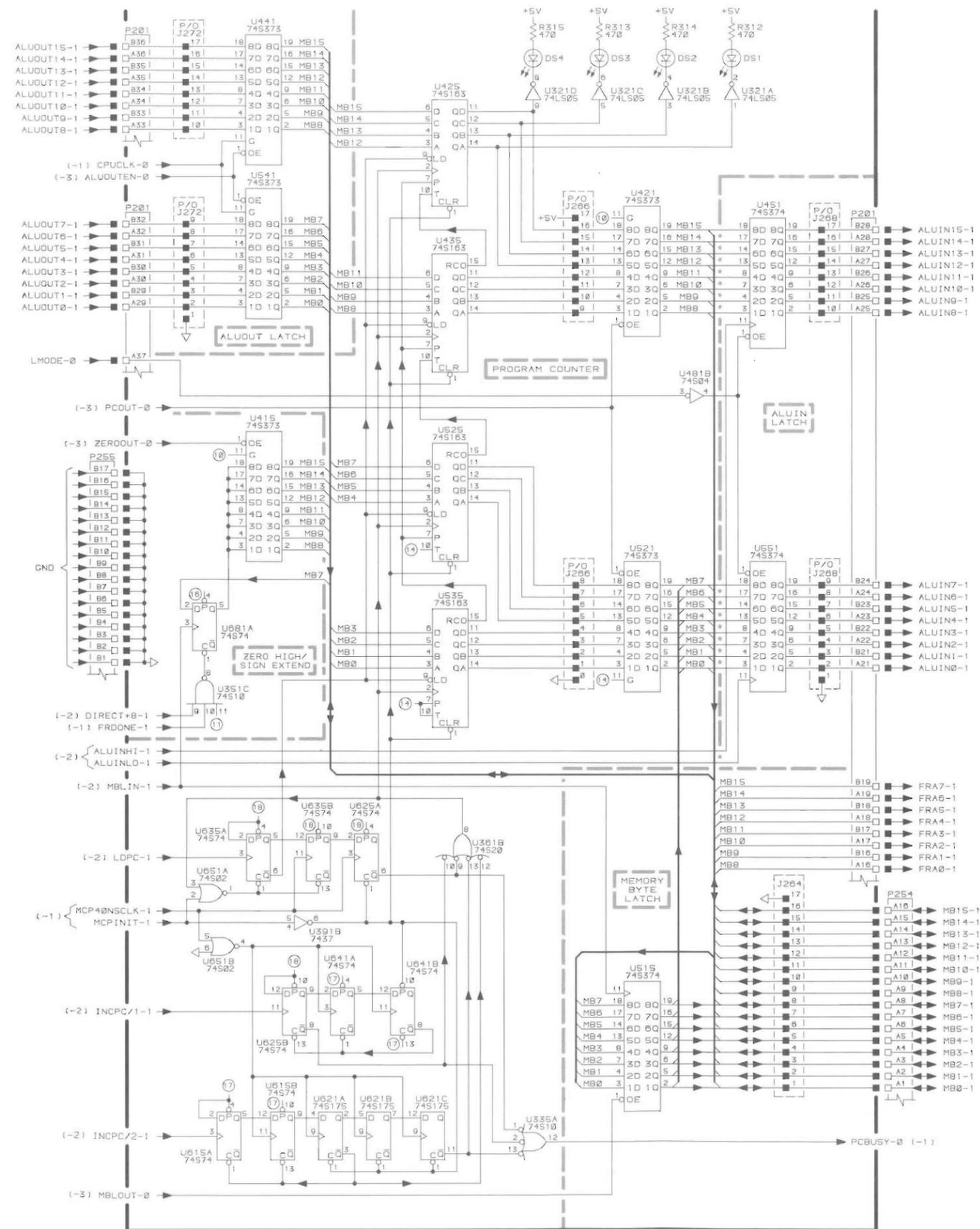
A5-1

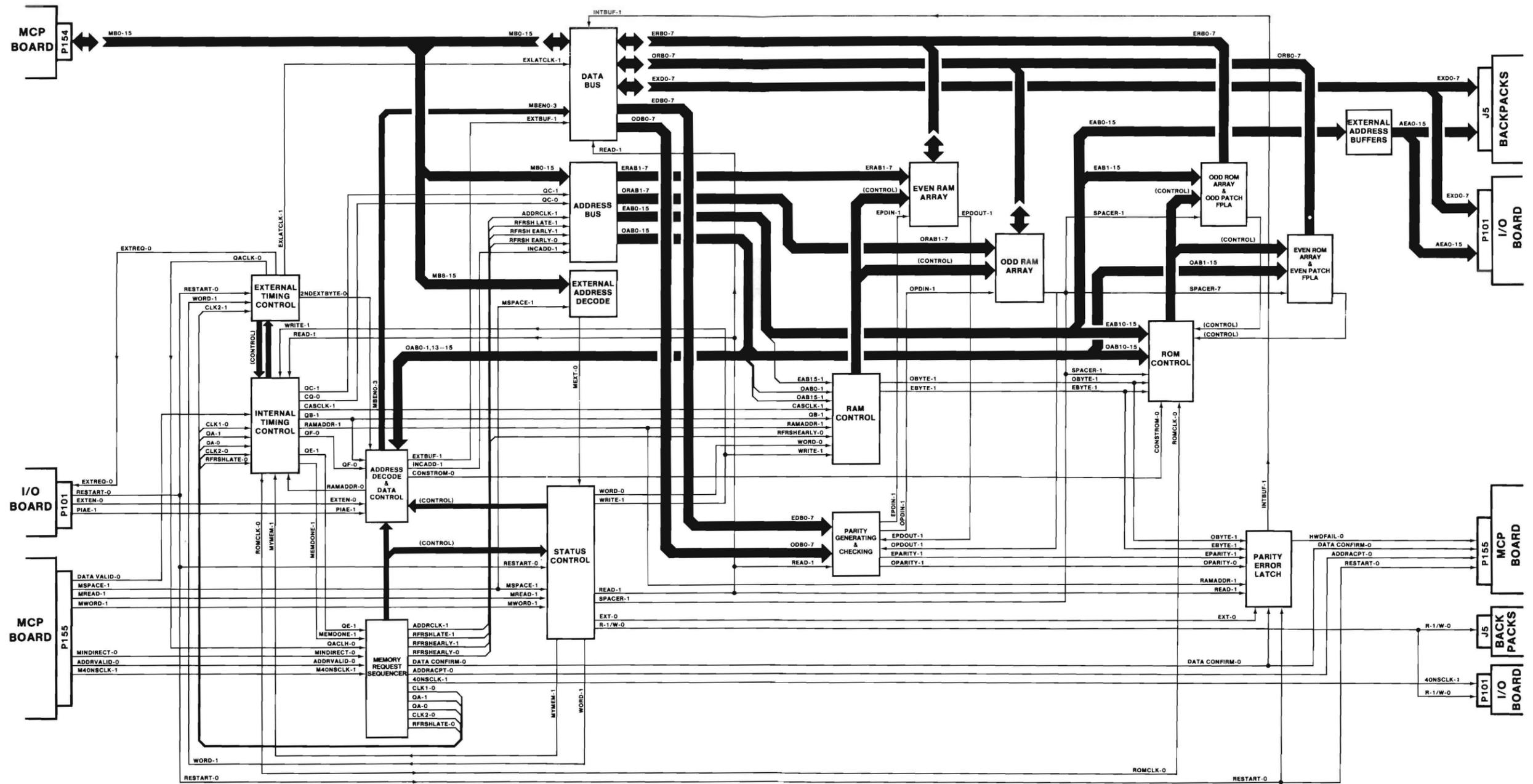


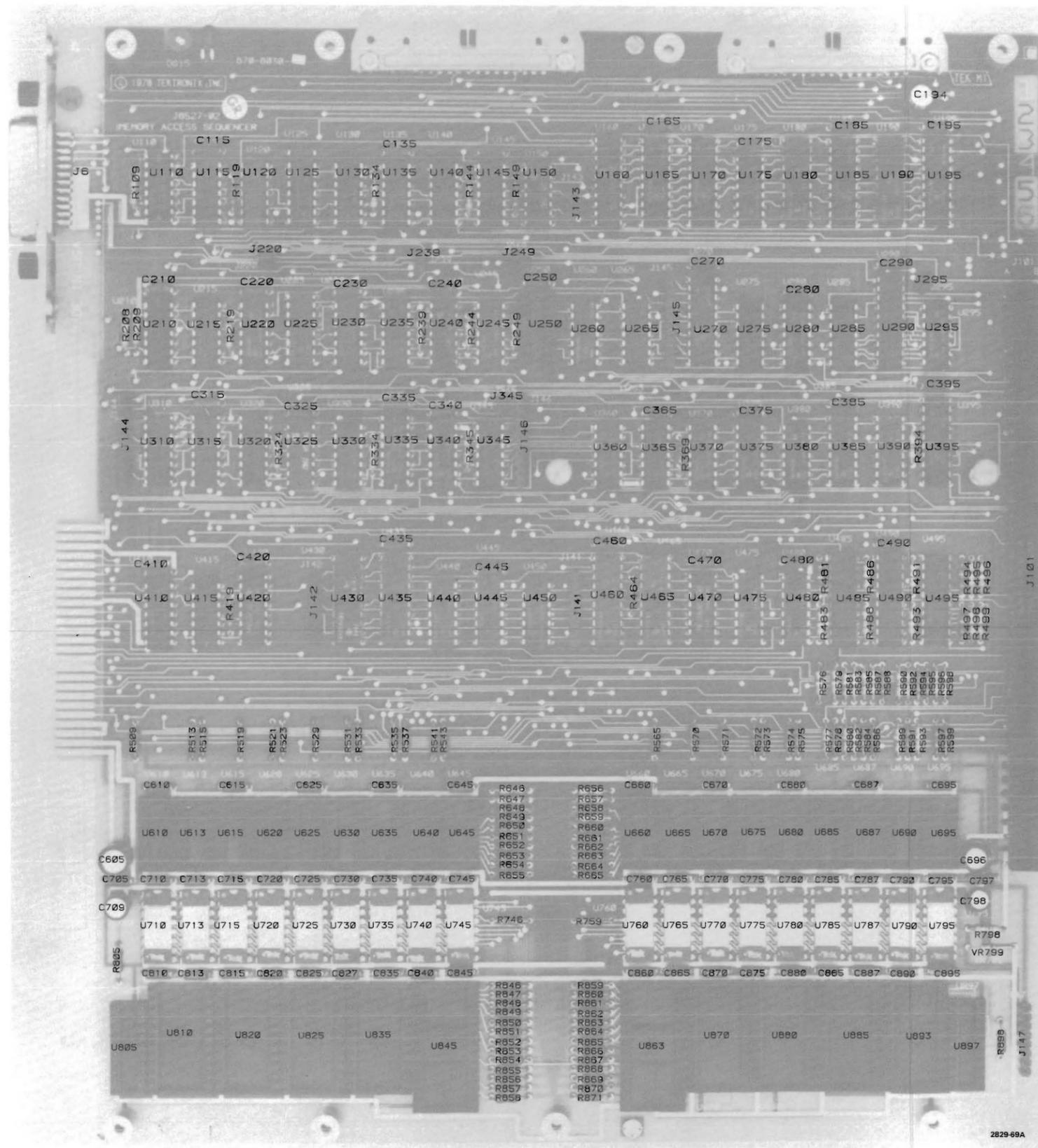
670-5633-00,01



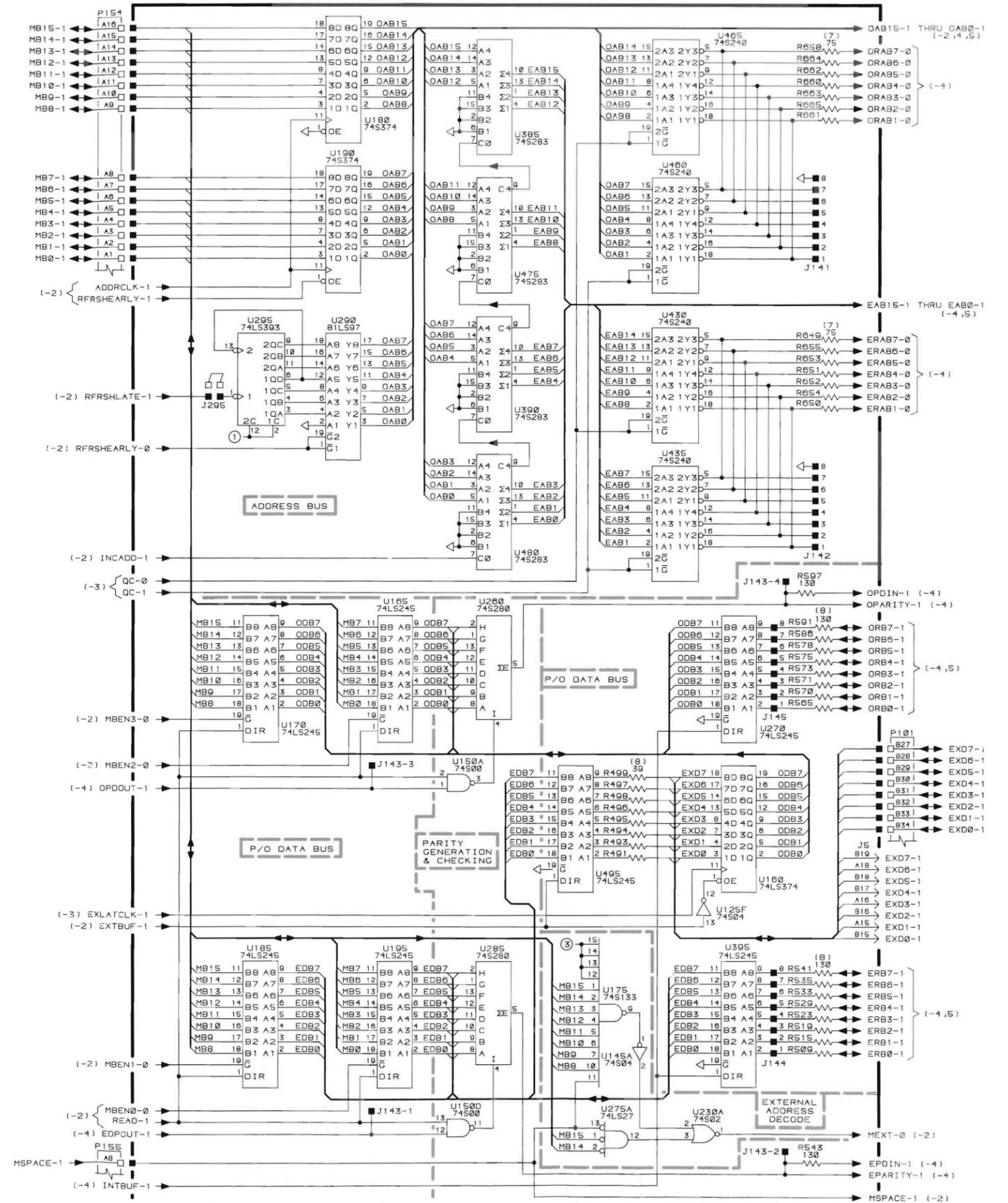
IC SUPPLIES		
DEVICE TYPE	PIN	
	+5V	GND
74S112	16	8
74S138		
74S163		
74S175		
74S373	20	10
74S374		
OTHER 14 PIN IC'S	14	7

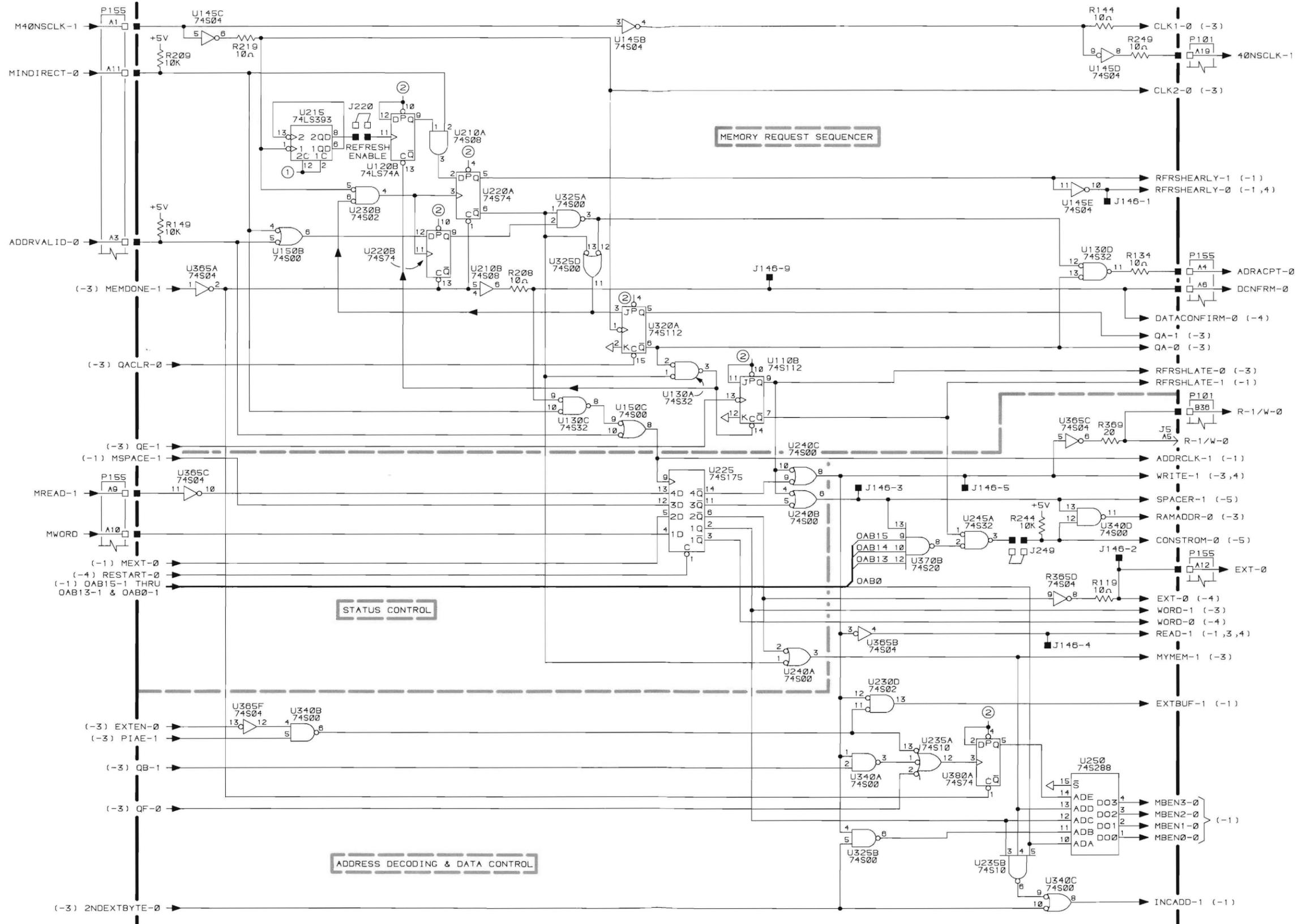






4054 MAS Board Component Locations (670-6030-01 thru 08).



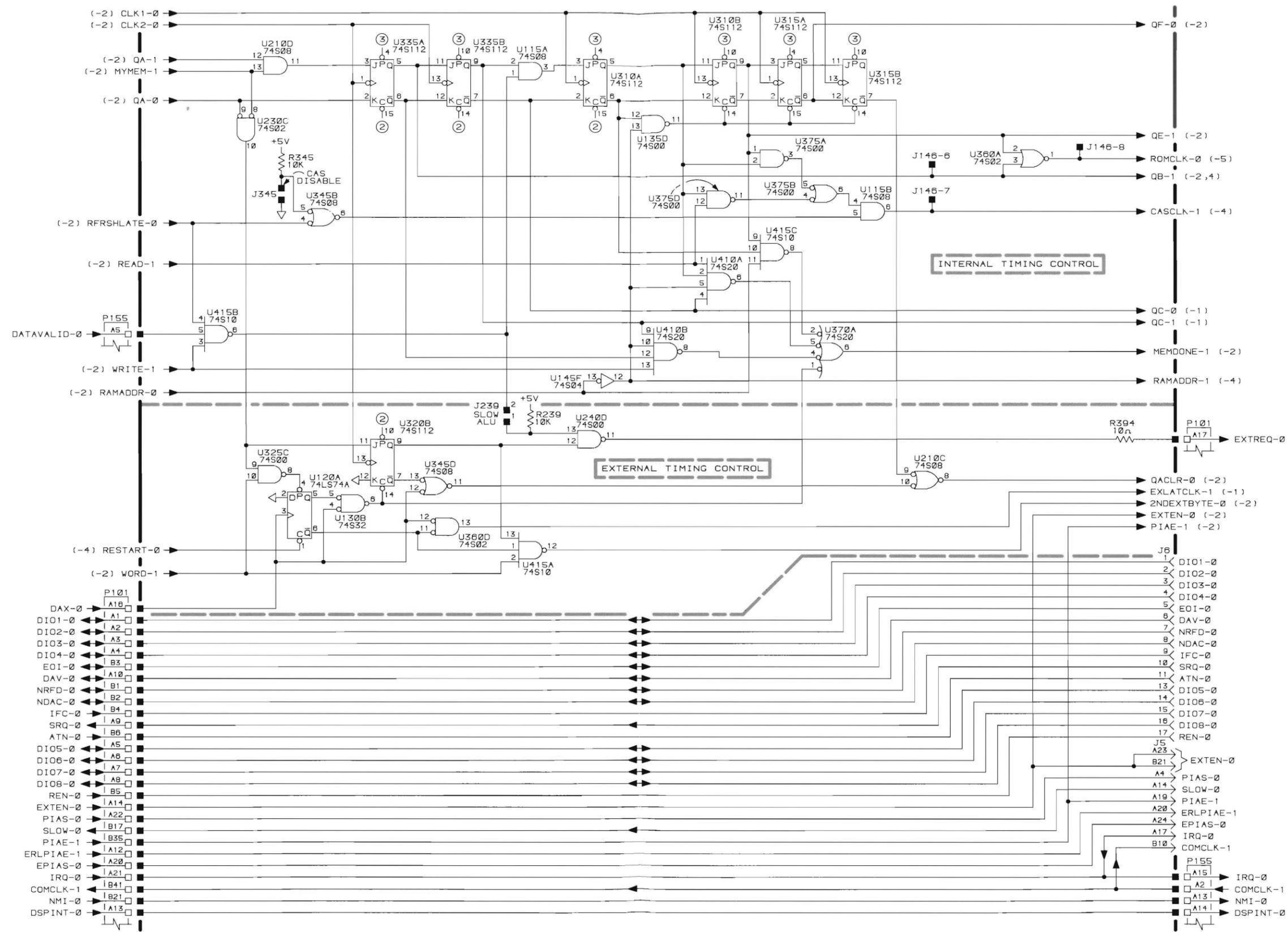


INSTRUMENT:  
4054

NOTES:  
REV, JULY 1982  
2839-S14

BOARD: 670-6030-01, 02, 03, 04, 06, 07, 08  
MEMORY ACCESS SEQUENCER

ASSEMBLY-SHEET:  
A6-2  
(2 OF 5)



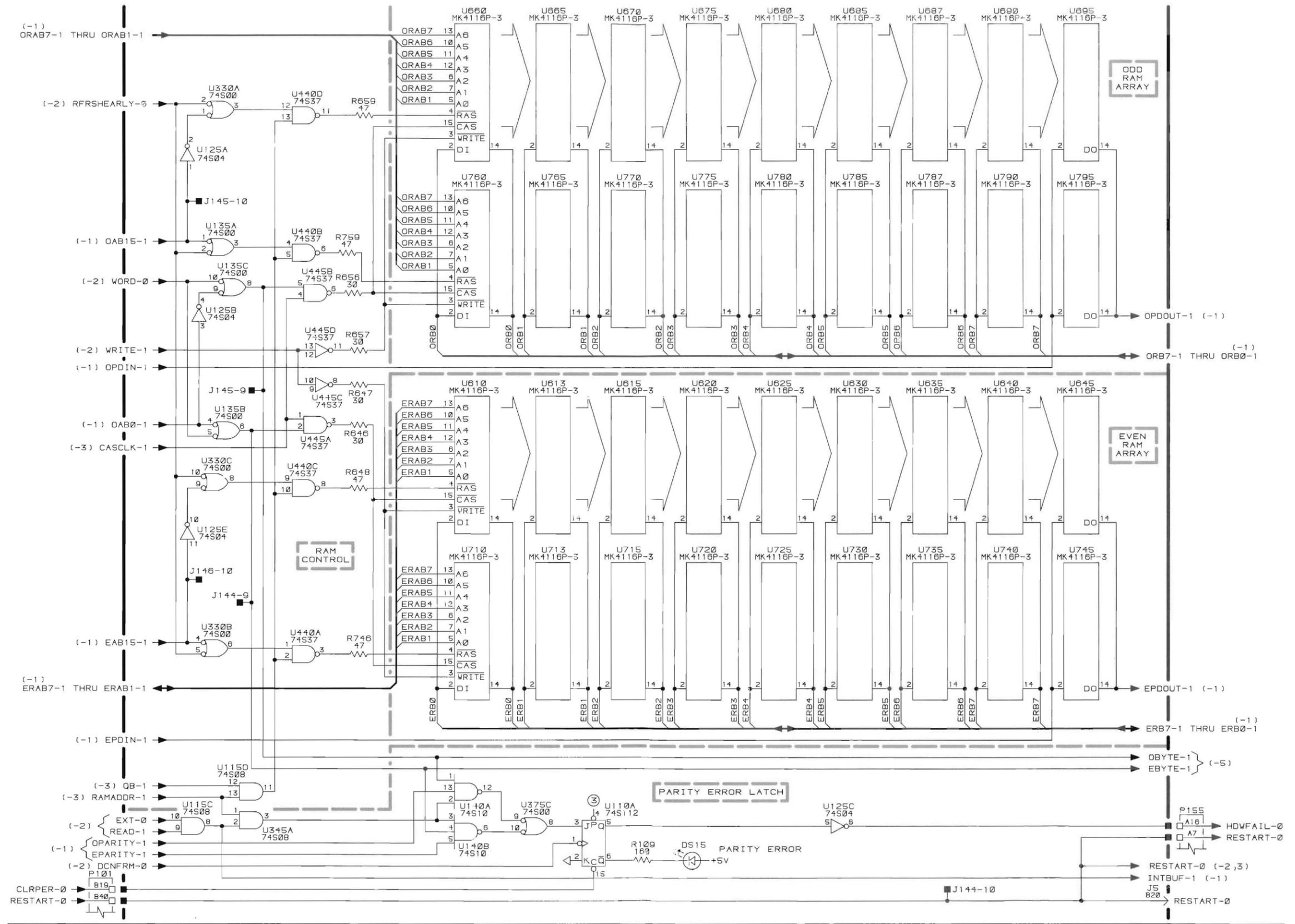
INSTRUMENT:  
4054

NOTES:  
  
REV, JULY 1982  
2839-S15

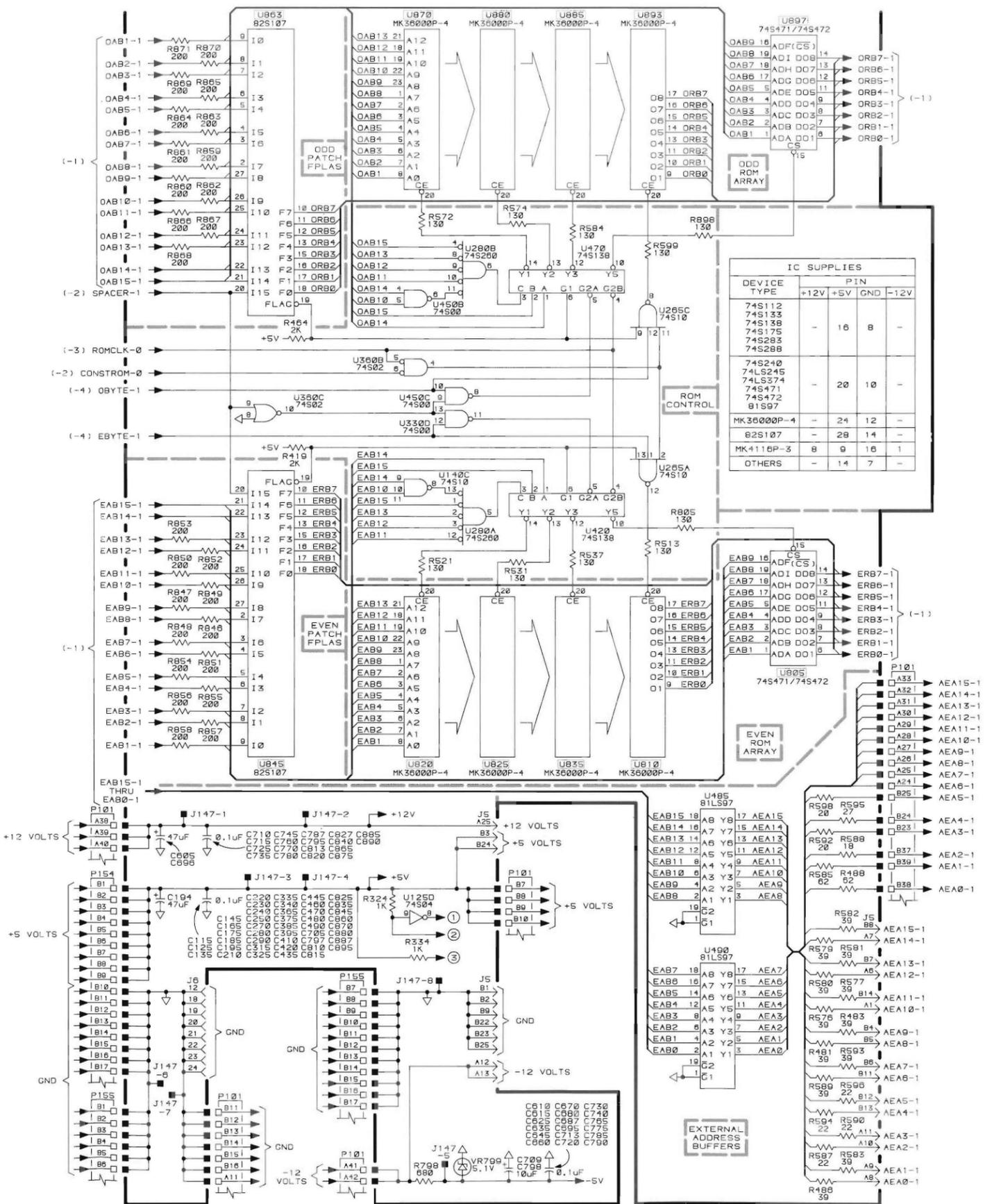
BOARD: 670-6030-01, 02, 03, 04, 06, 07, 08  
MEMORY ACCESS SEQUENCER

ASSEMBLY-SHEET:  
A6-3  
(3 OF 5)

Bit 0 1 2 3 4 5 6 7 Parity



4054 670-6030-01:04,06:08 A6-4



INSTRUMENT: 4054

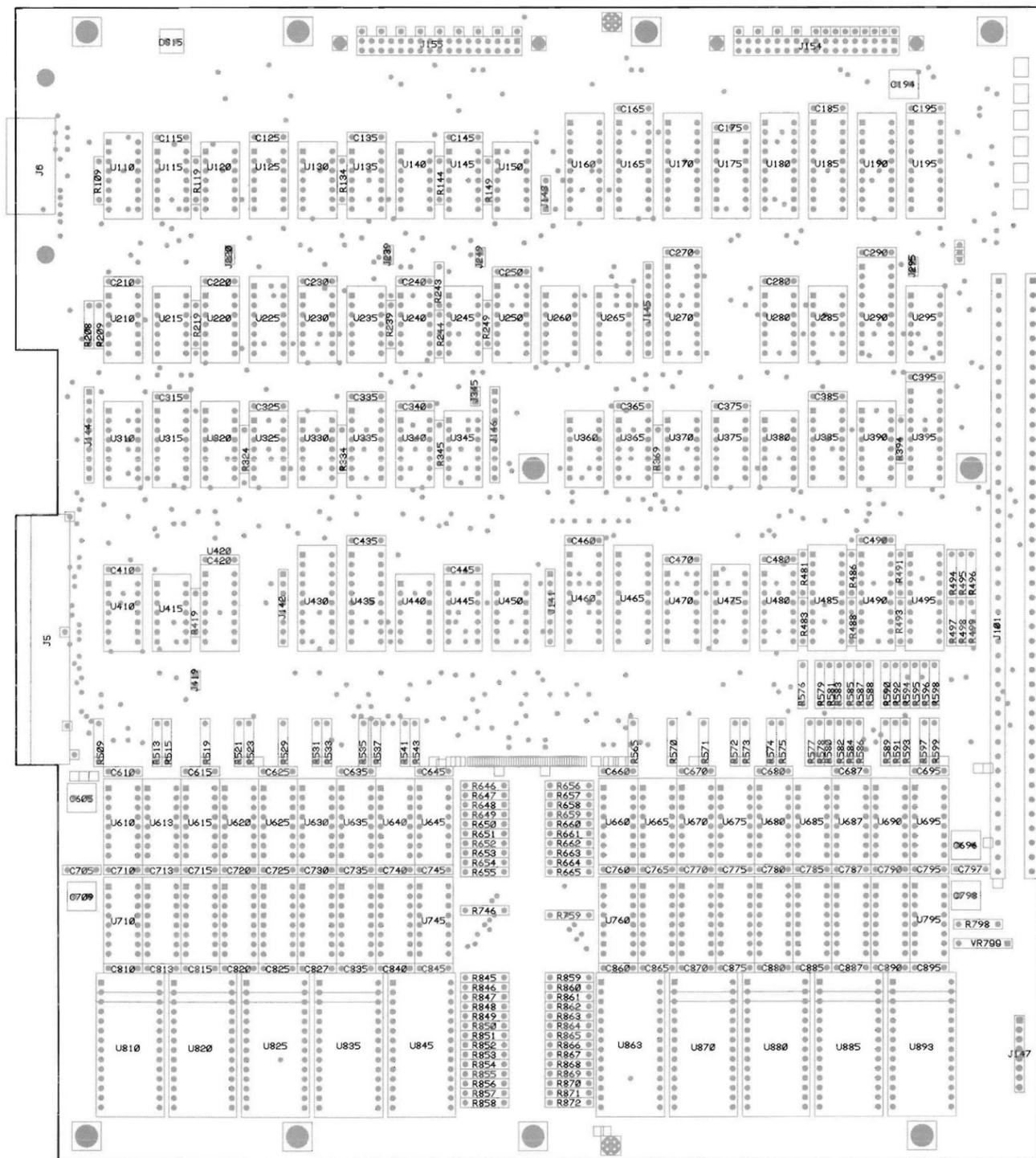
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S17

BOARD: 670-6030-01, 02, 03, 04, 06, 07, 08

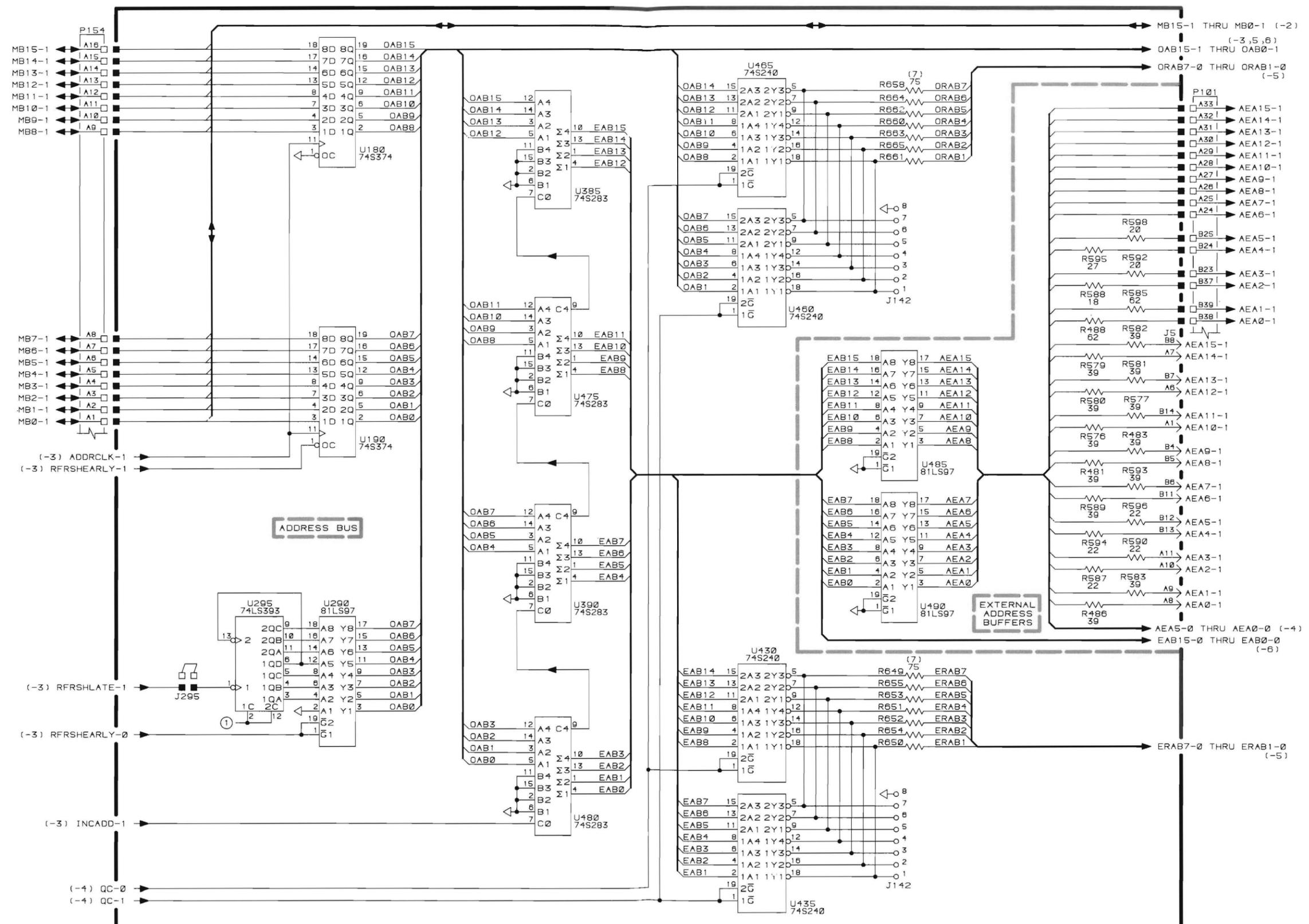
MEMORY ACCESS SEQUENCER

ASSEMBLY SHEET: A6-5 (5 OF 5)



4054A MAS Board Component Locations (670-7624-00).

4054A MAS BOARD COMPONENT LOCATIONS

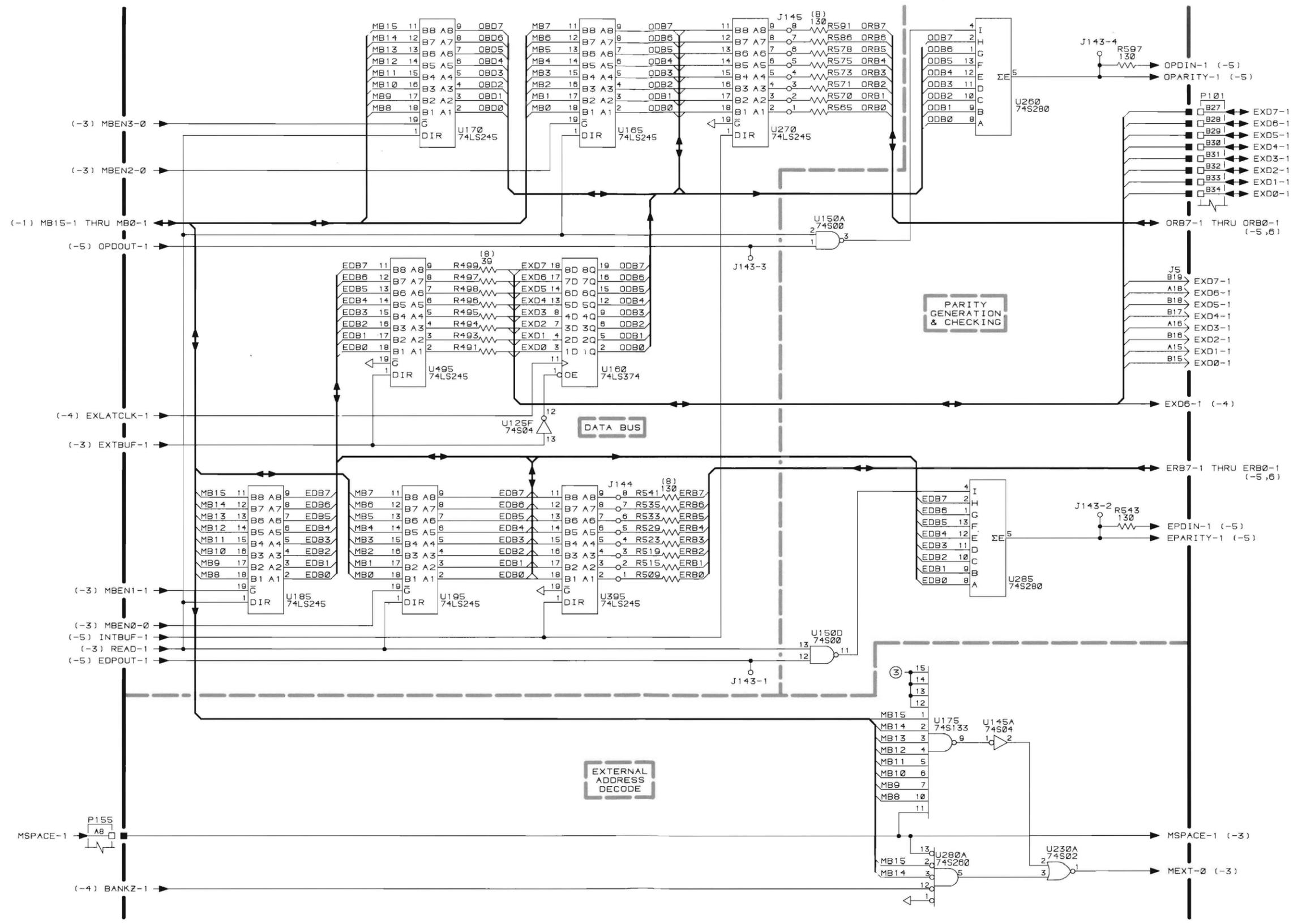


INSTRUMENT:  
4054A

NOTES:  
ADD, JULY 1982  
2839-518

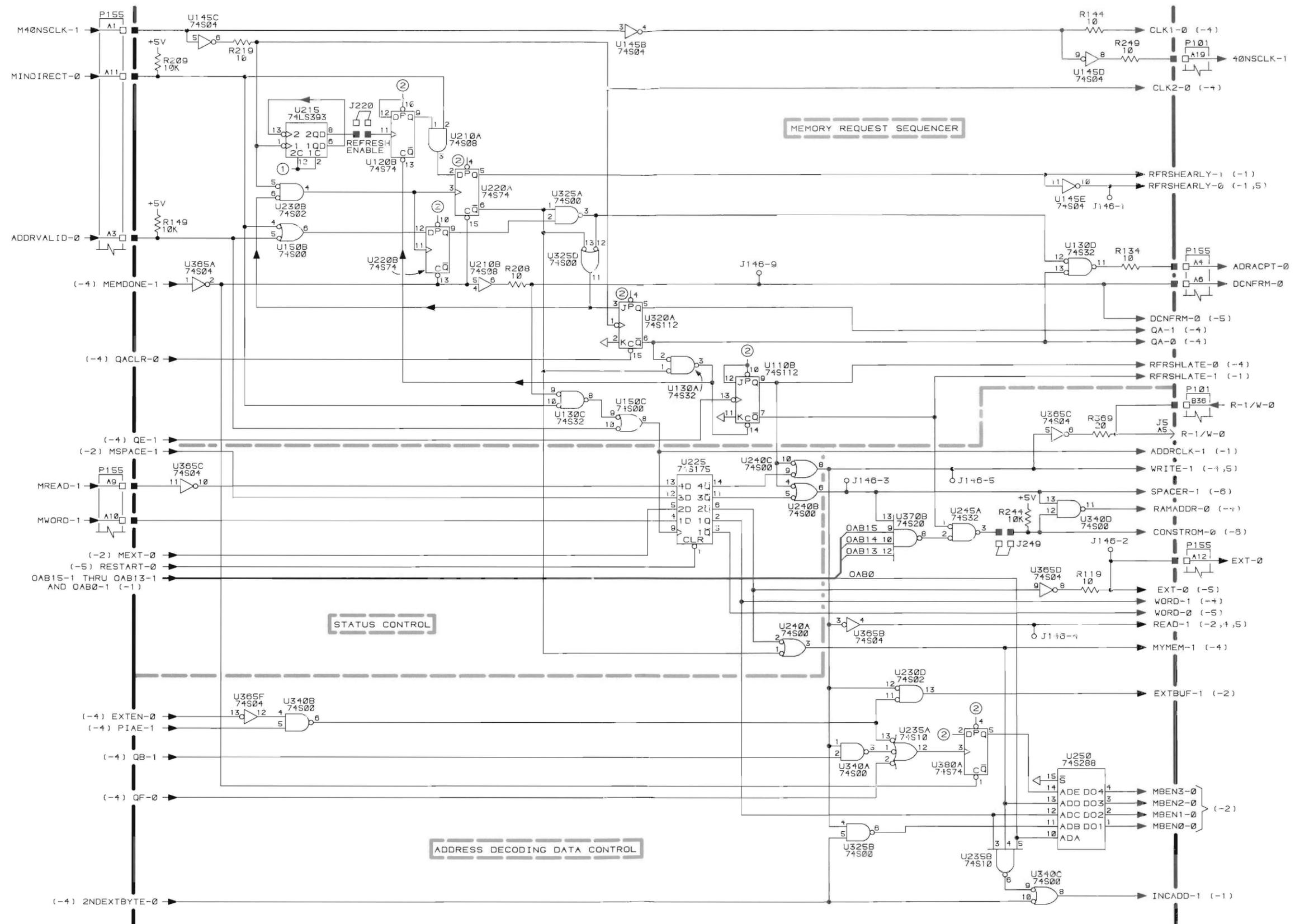
BOARD: 670-7624-00  
MEMORY ACCESS SEQUENCER

ASSEMBLY-SHEET:  
A6-1  
(1 OF 7)



INSTRUMENT: <p style="text-align: center;">4054A</p>	NOTES: <p style="text-align: center;">ADD, JULY 1982 2839-S19</p>	BOARD: 670-7624-00 <p style="text-align: center;">MEMORY ACCESS SEQUENCER</p>	ASSEMBLY-SHEET: <p style="text-align: center;">A6-2 (2 OF 7)</p>
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4054A      MAS BOARD      A6-2  
 670-7624-00



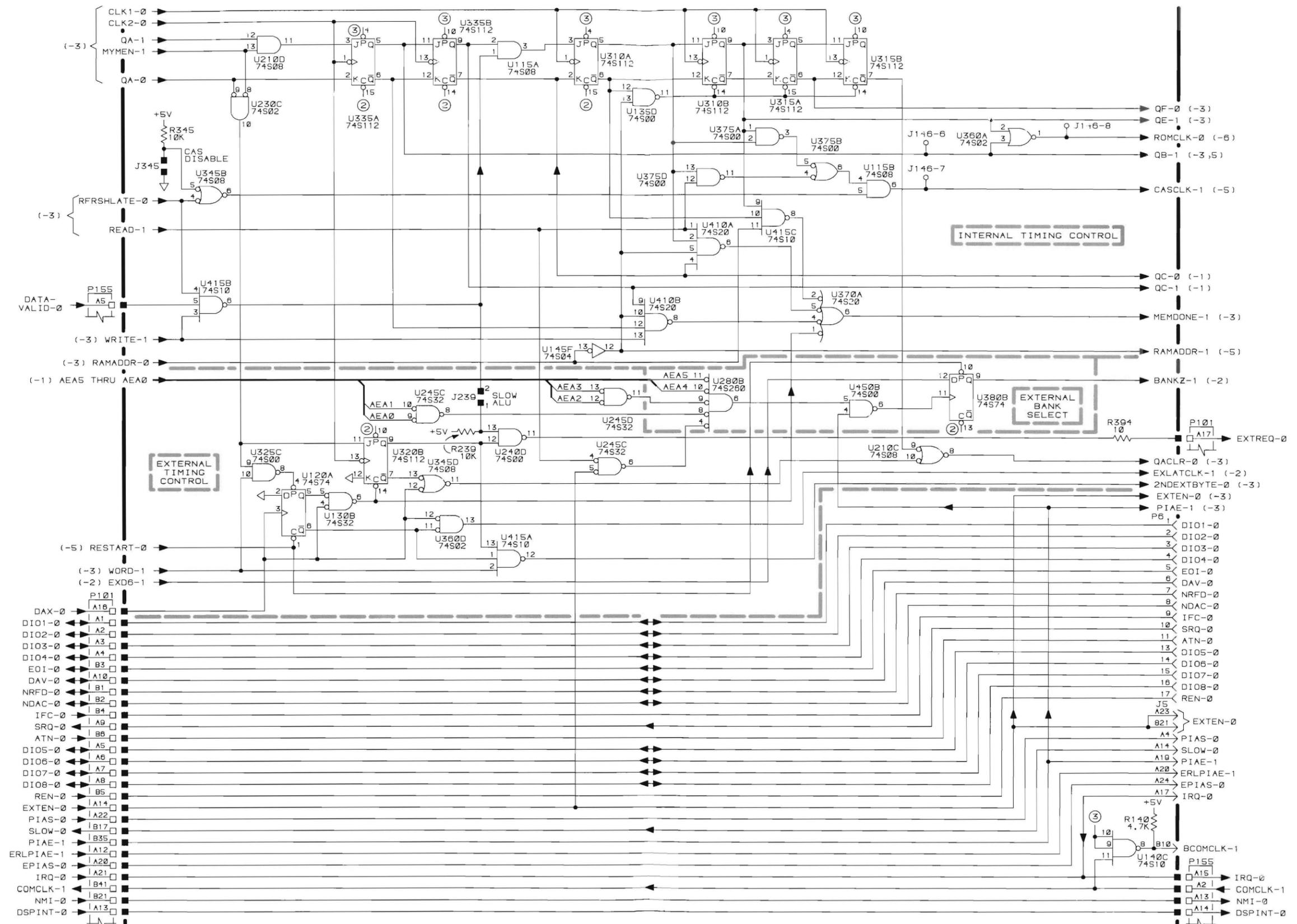
INSTRUMENT:  
4054A

NOTES:  
ADD, JULY 1982  
2839-S20

BOARD: 670-7624-00  
MEMORY ACCESS SEQUENCER

ASSEMBLY-SHEET:  
A6-3  
(3 OF 7)

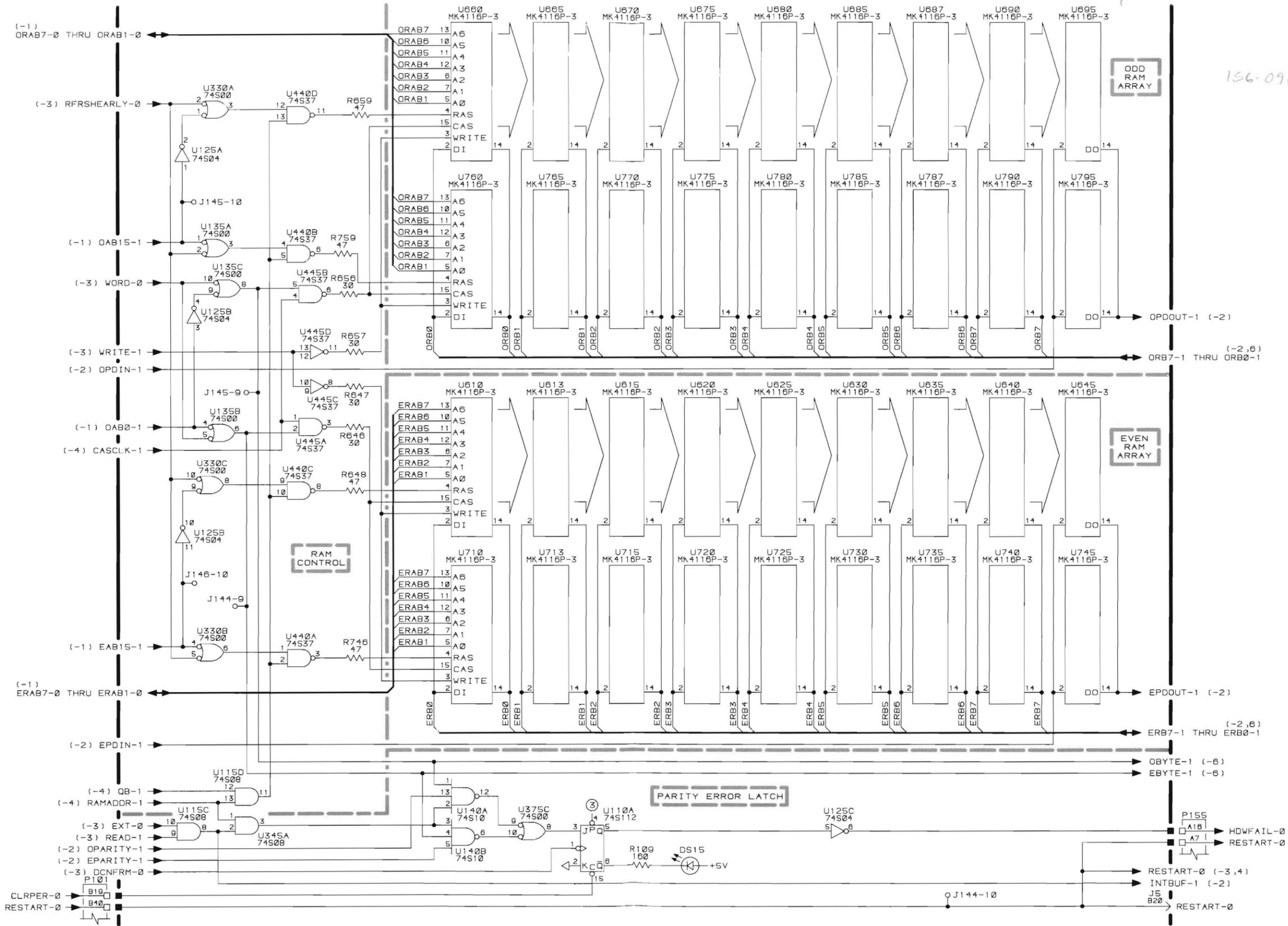
4054A 670-7624-00 A6-3

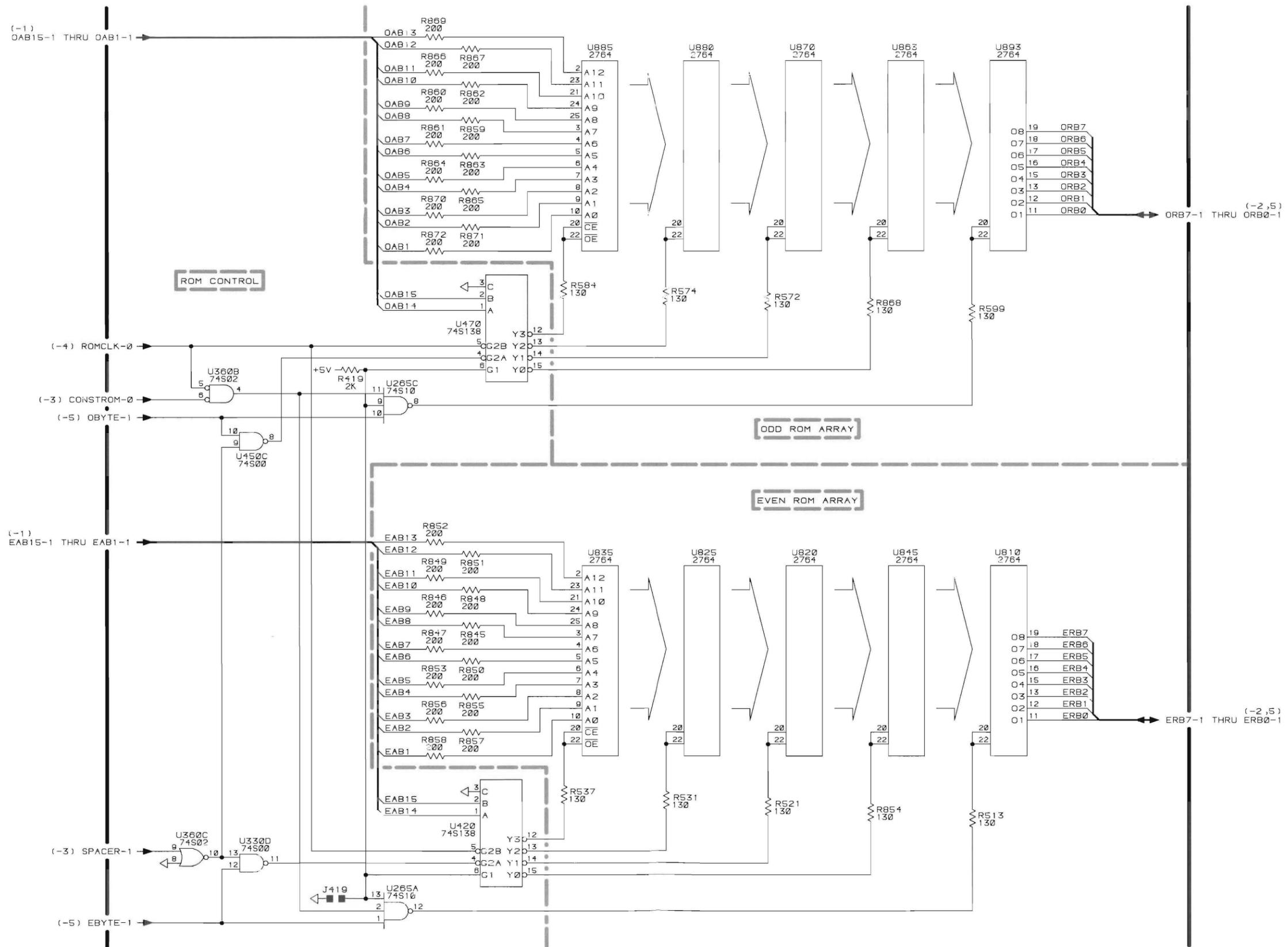


4054A  
 670-7624-00  
 A6-4

Bit 0 1 2 3 4 5 6 7 Parity

156-0965 02



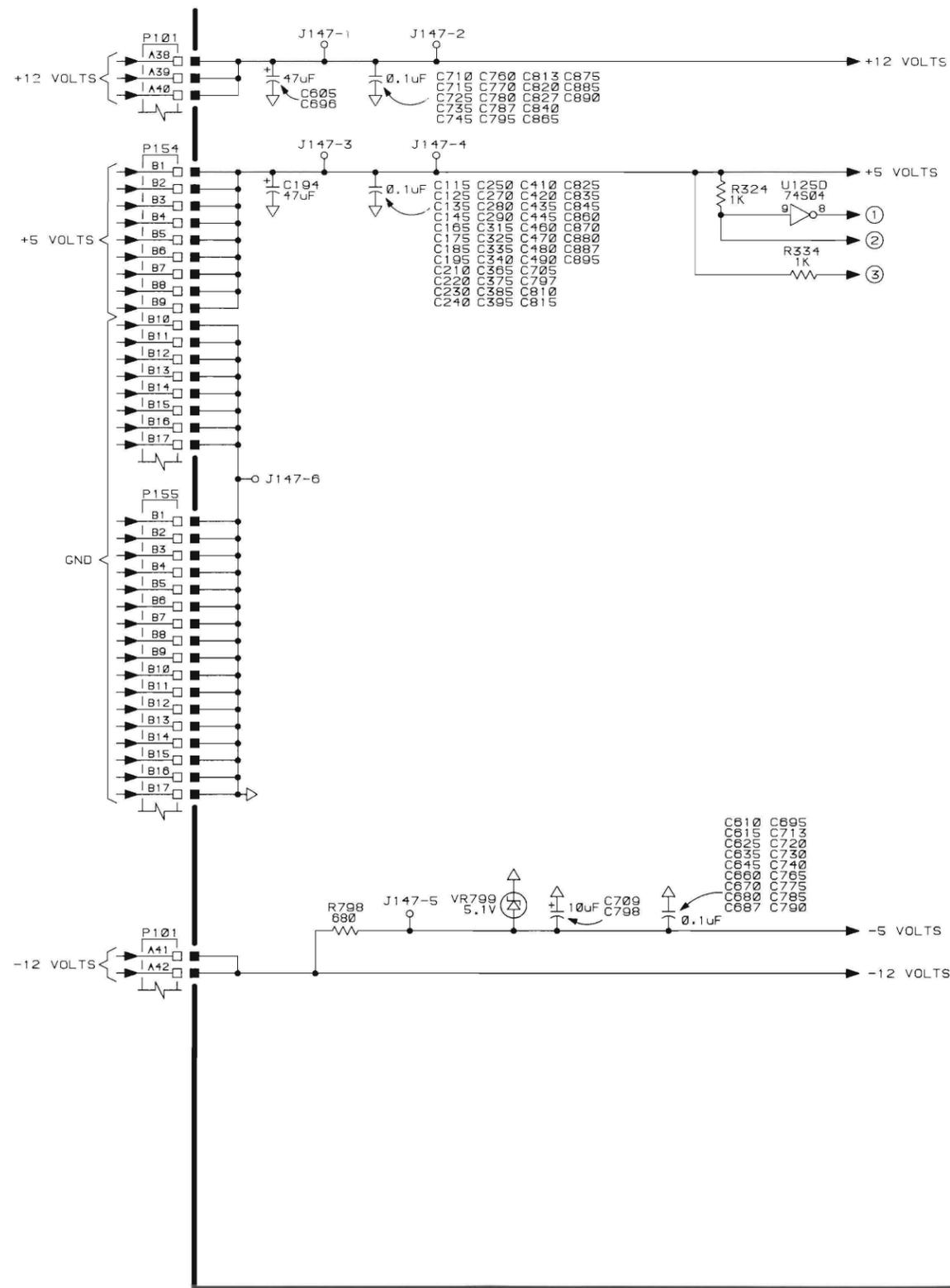


INSTRUMENT:  
4054A

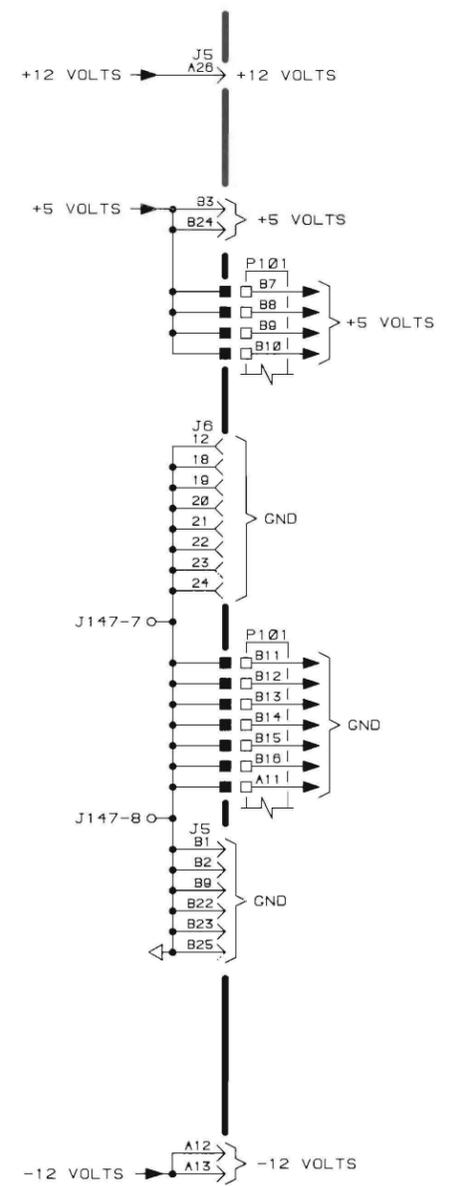
NOTES:  
ADD, JULY 1982  
2839-923

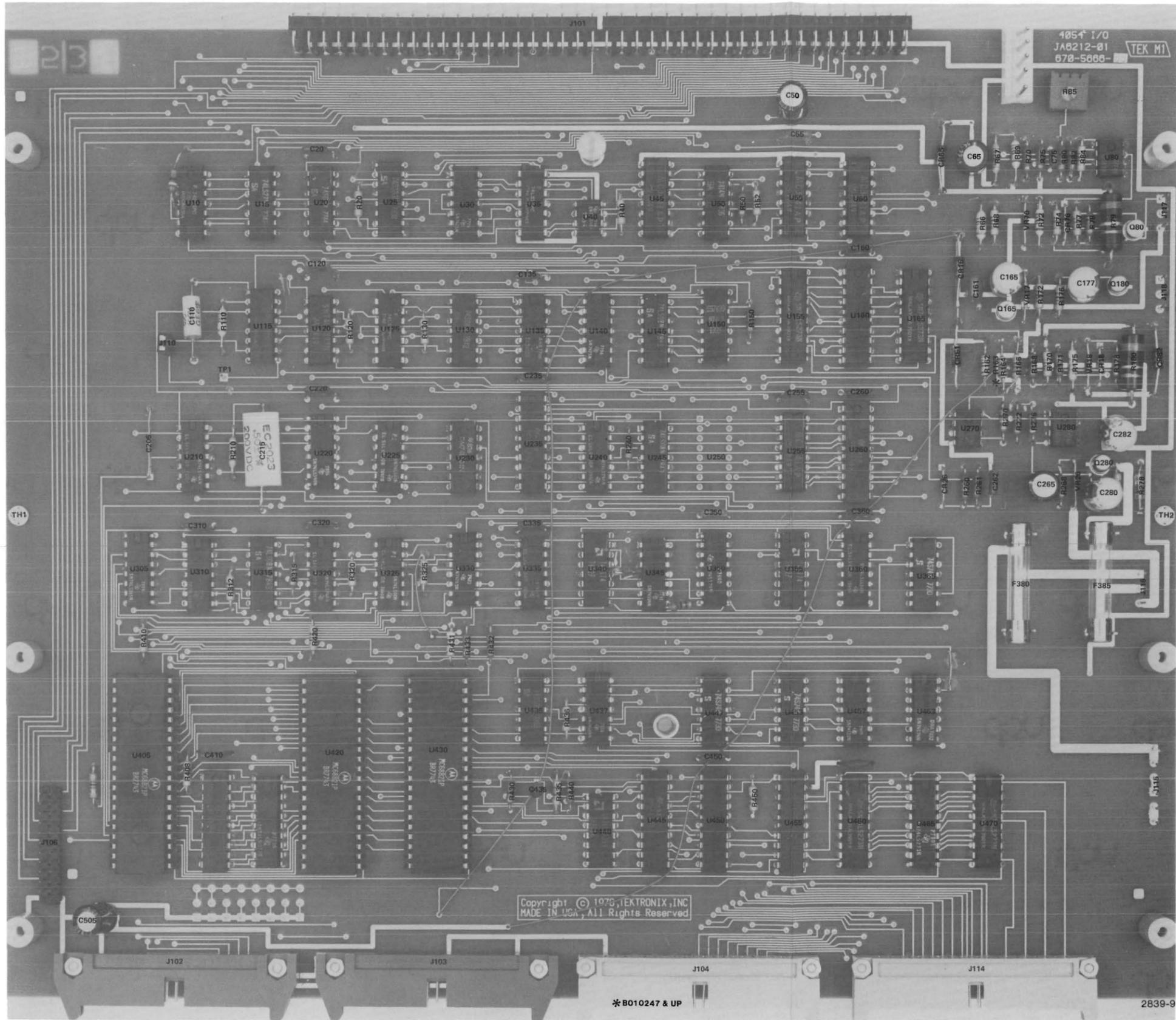
BOARD: 670-7624-00  
MEMORY ACCESS SEQUENCER

ASSEMBLY-SHEET:  
A6-6  
(6 OF 7)

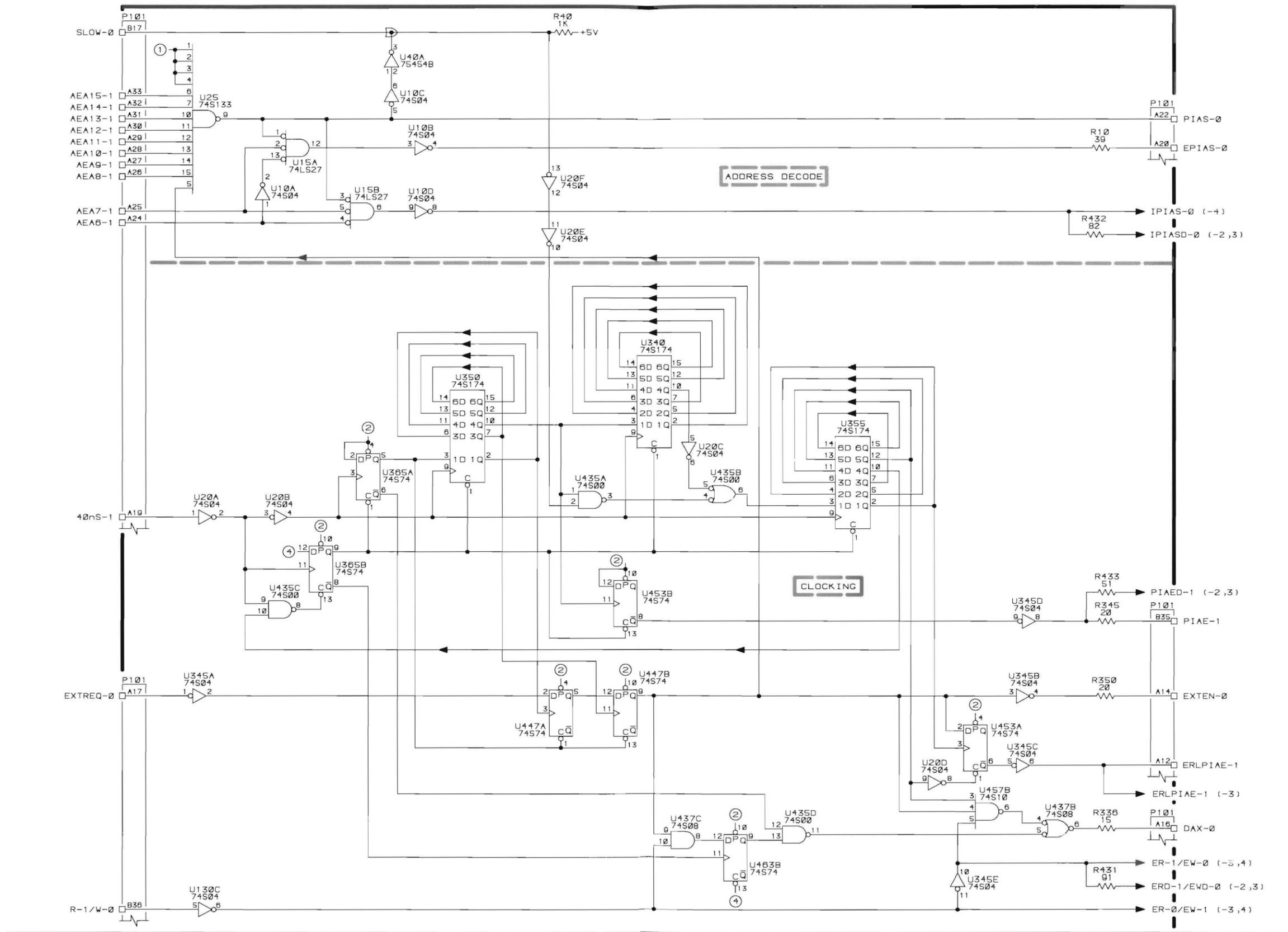


DEVICE TYPE	PIN			
	+12V	+5V	GND	-5V
74S112 74S133 74S138 74S175 74S283 74S288	-	16	8	-
74S240 74LS245 74LS374 81S97	-	20	10	-
2764	-	1,26 27,28	14	-
MK4116P-3	8	9	16	1
OTHER 14 PIN IC'S	-	14	7	-

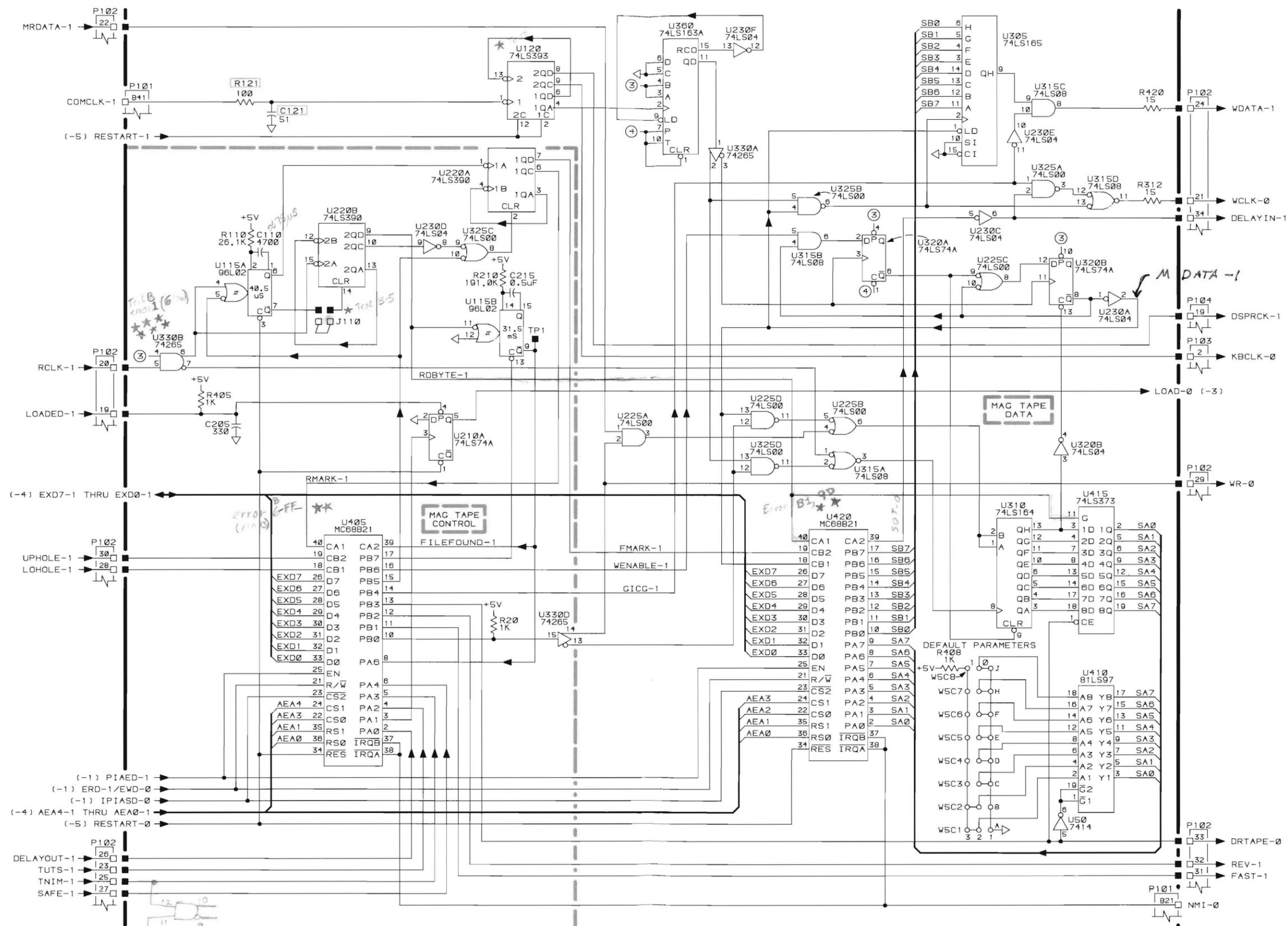


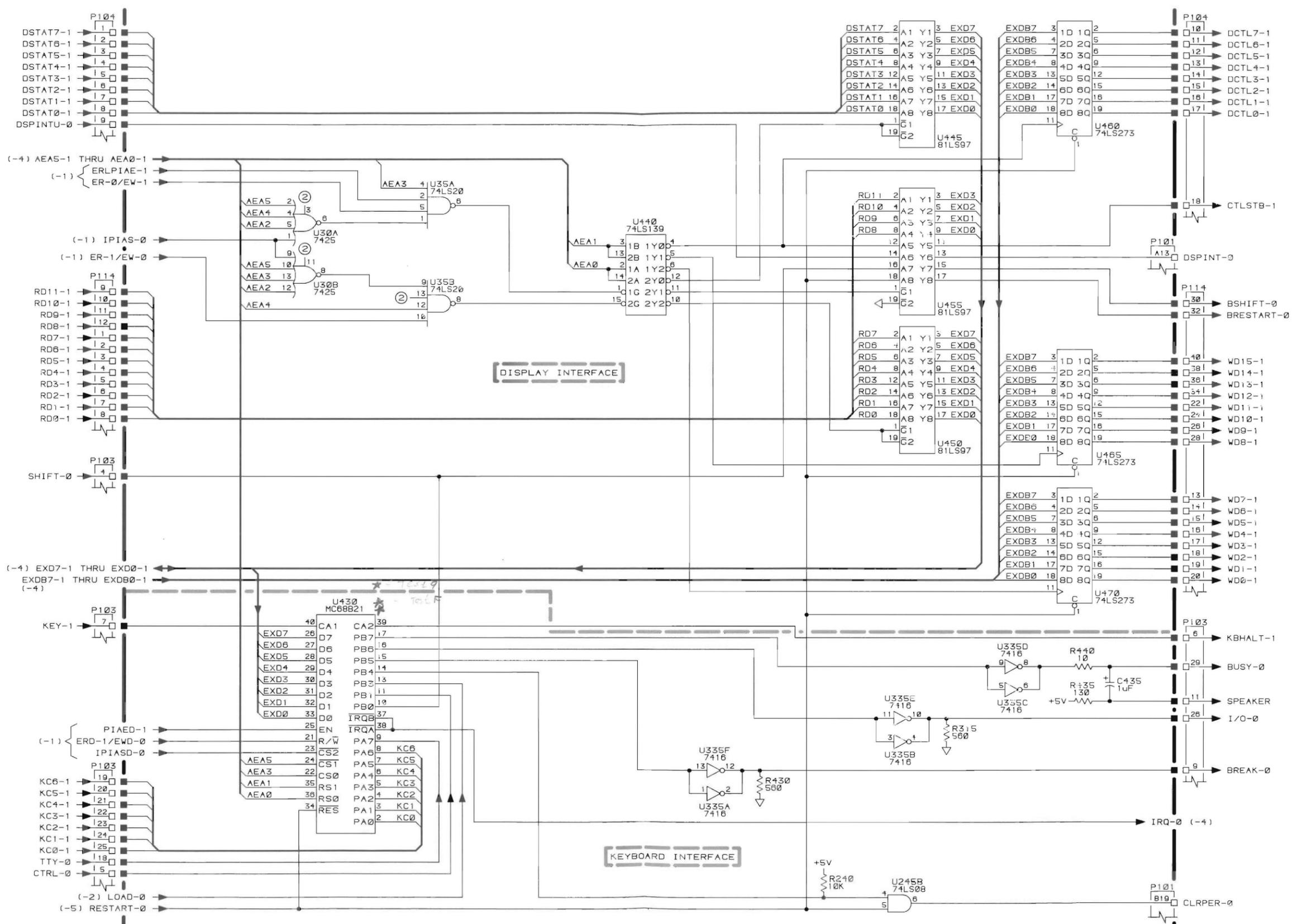


4054 I/O Board Component Locations (670-5666-00, 01, 02).



INSTRUMENT : <p style="text-align: center;">4054</p>	NOTES :  <p style="text-align: center;">REV , JULY 1982 2839-S25</p>	BOARD : 670-5666-00,01,02  <p style="text-align: center;">I/O BOARD</p>	ASSEMBLY-SHEET : <p style="text-align: center;">A7-1 (1 OF 5)</p>
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INSTRUMENT:  
4054

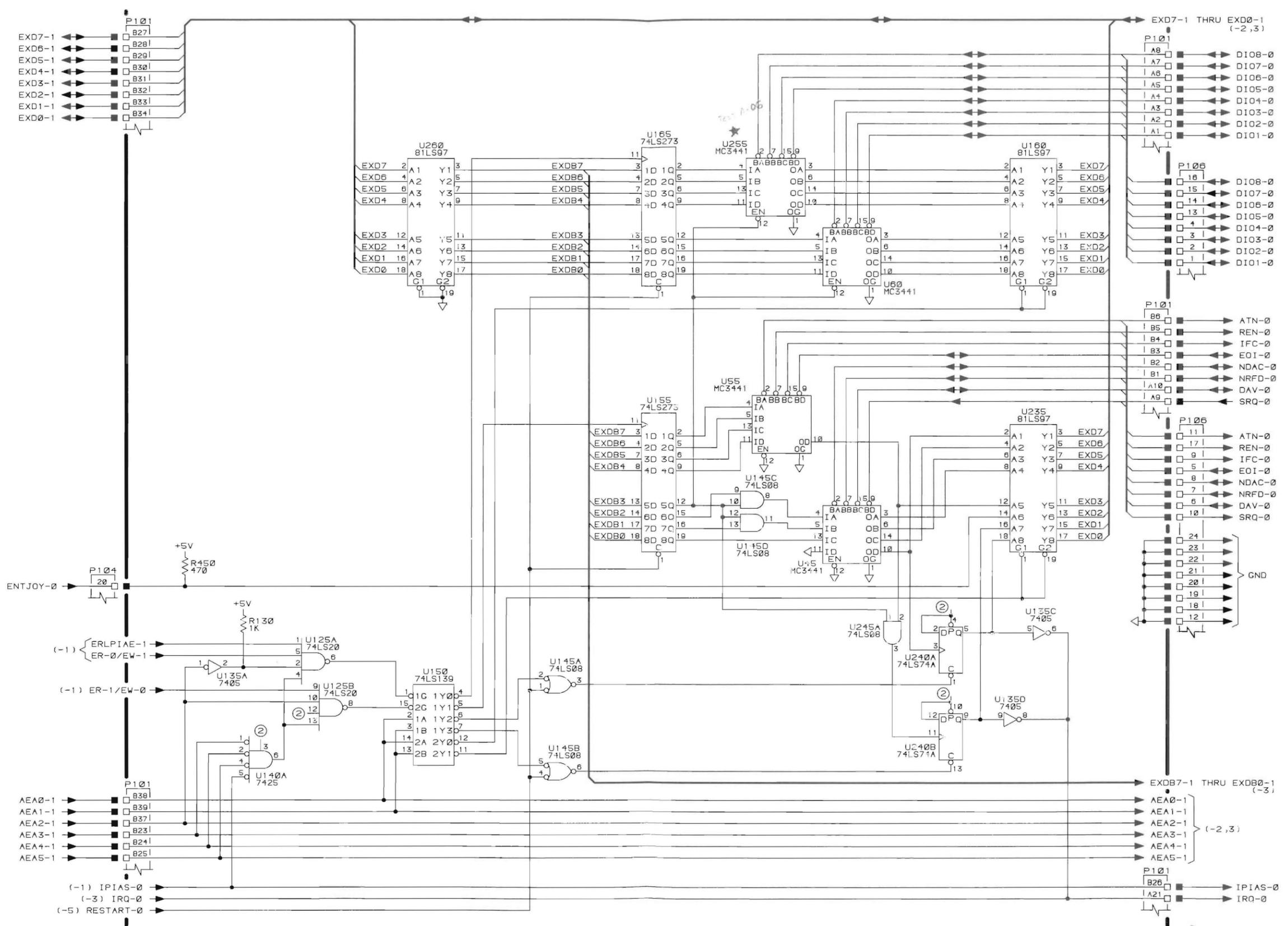
NOTES:

REV, JULY 1982  
2839-S27

BOARD: 670-5666-00,01,02  
I/O BOARD

ASSEMBLY SHEET:  
A7-3  
(3 OF 5)

4054 670-5666-00,01,02 A7-3



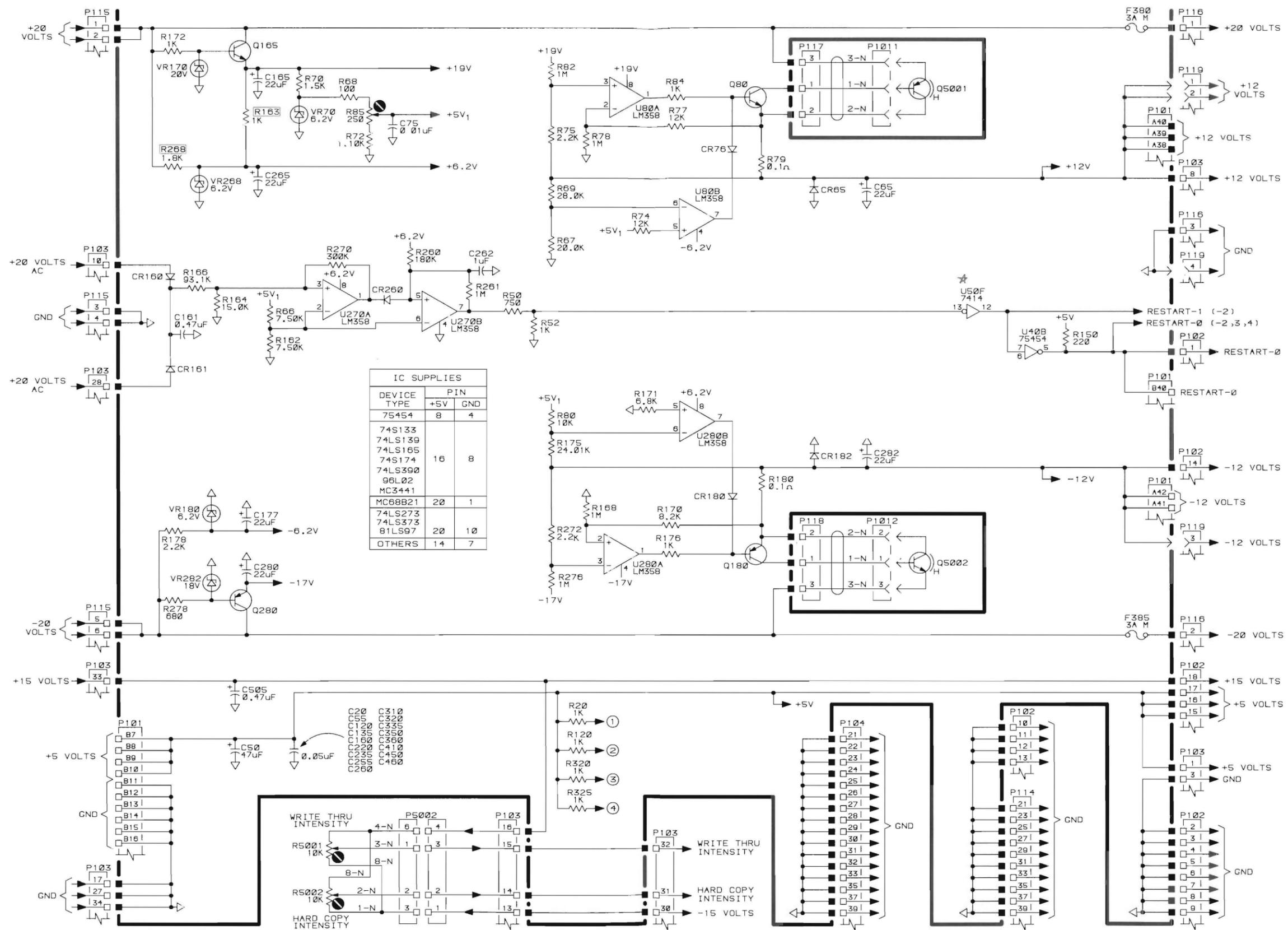
INSTRUMENT:  
4054

NOTES:  
REV, JULY 1982  
2839-S28

BOARD: 670-5666-00,01,02  
I/O BOARD  
GPIB INTERFACE

ASSEMBLY-SHEET:  
A7-4  
(4 OF 5)

4054 670-5666-00,01,02 A7-4



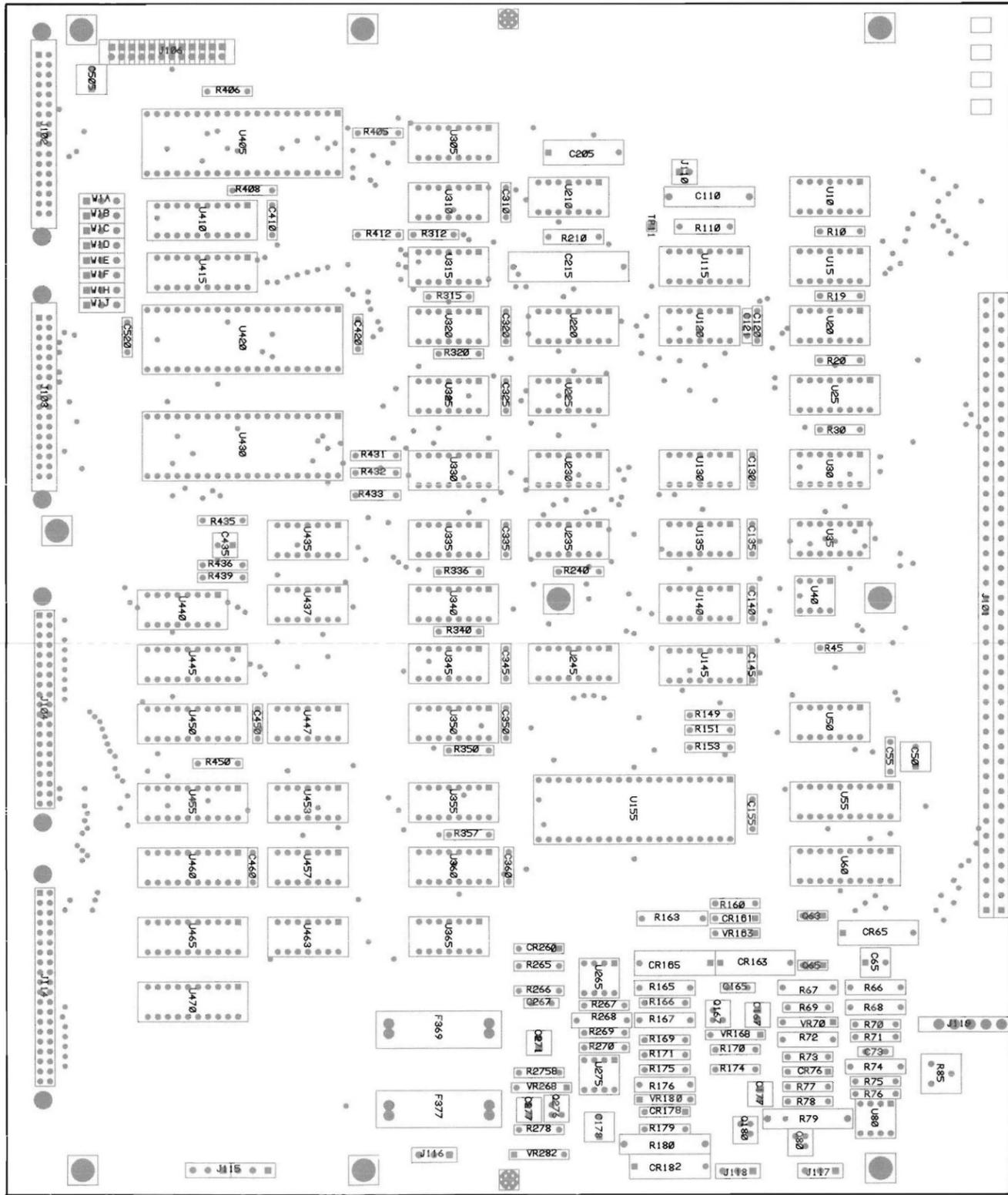
INSTRUMENT:  
4054

NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

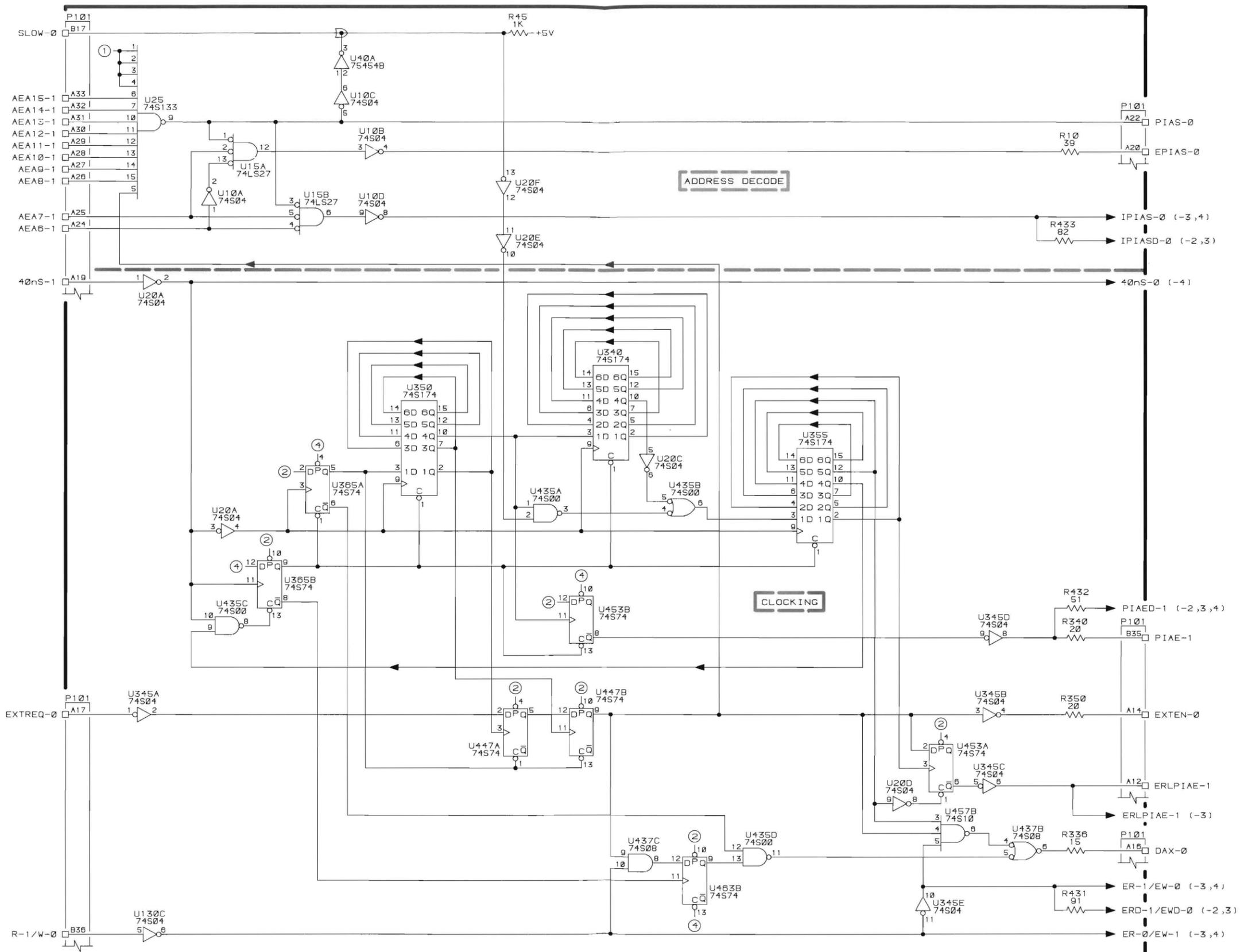
REV, JULY 1982  
2839-S29

BOARD: 670-5666-00,01,02  
I/O BOARD

ASSEMBLY-SHEET:  
A7-5  
(5 OF 5)



4054A I/O Board Component Locations (670-7629-00).



INSTRUMENT :  
4054A

NOTES :

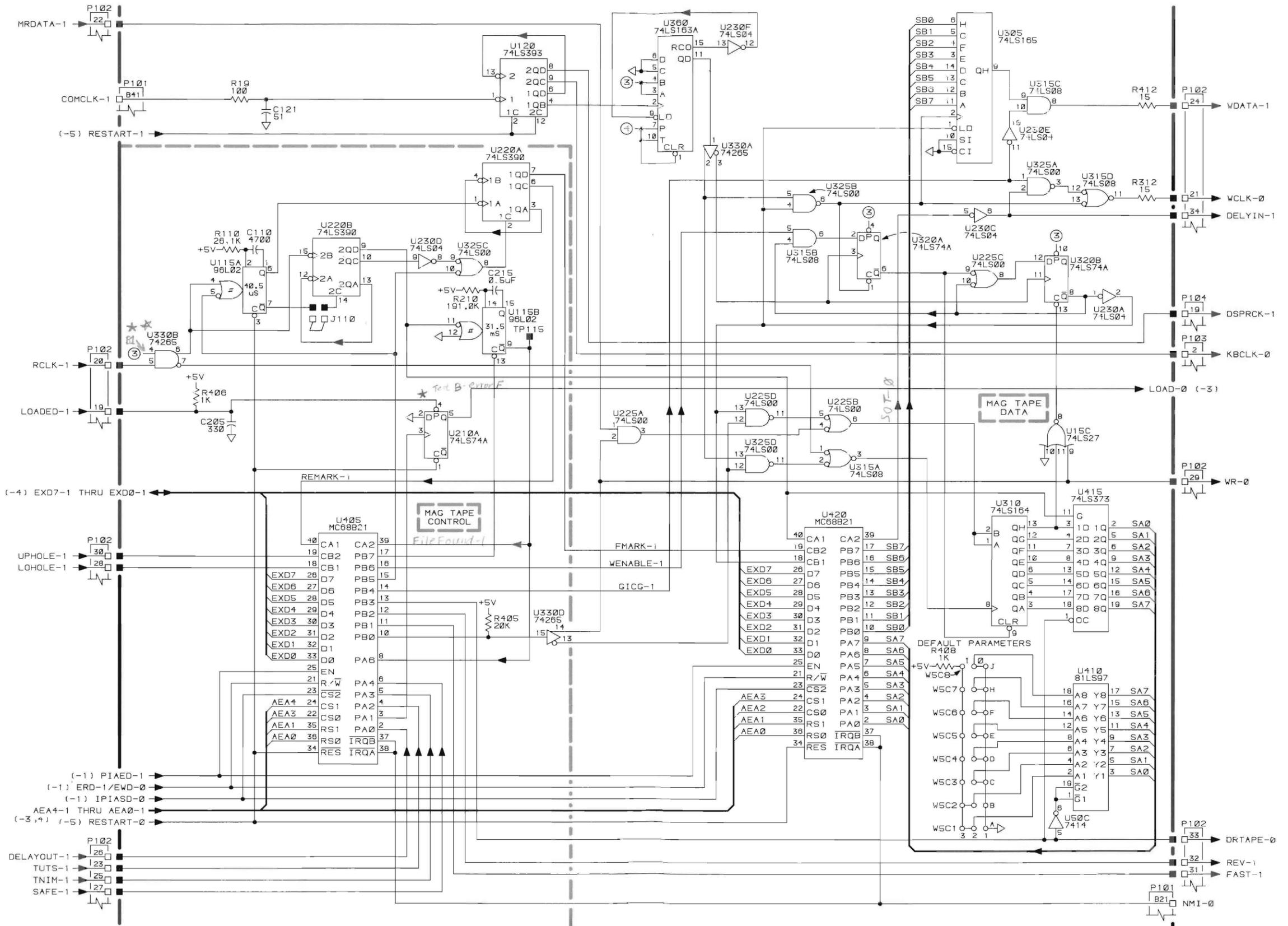
ADD, JULY 1982  
2839-S30

BOARD: 670-7630-00

I/O BOARD

ASSEMBLY-SHEET :  
A7-1  
(1 OF 5)

670-7630-00  
A7-1

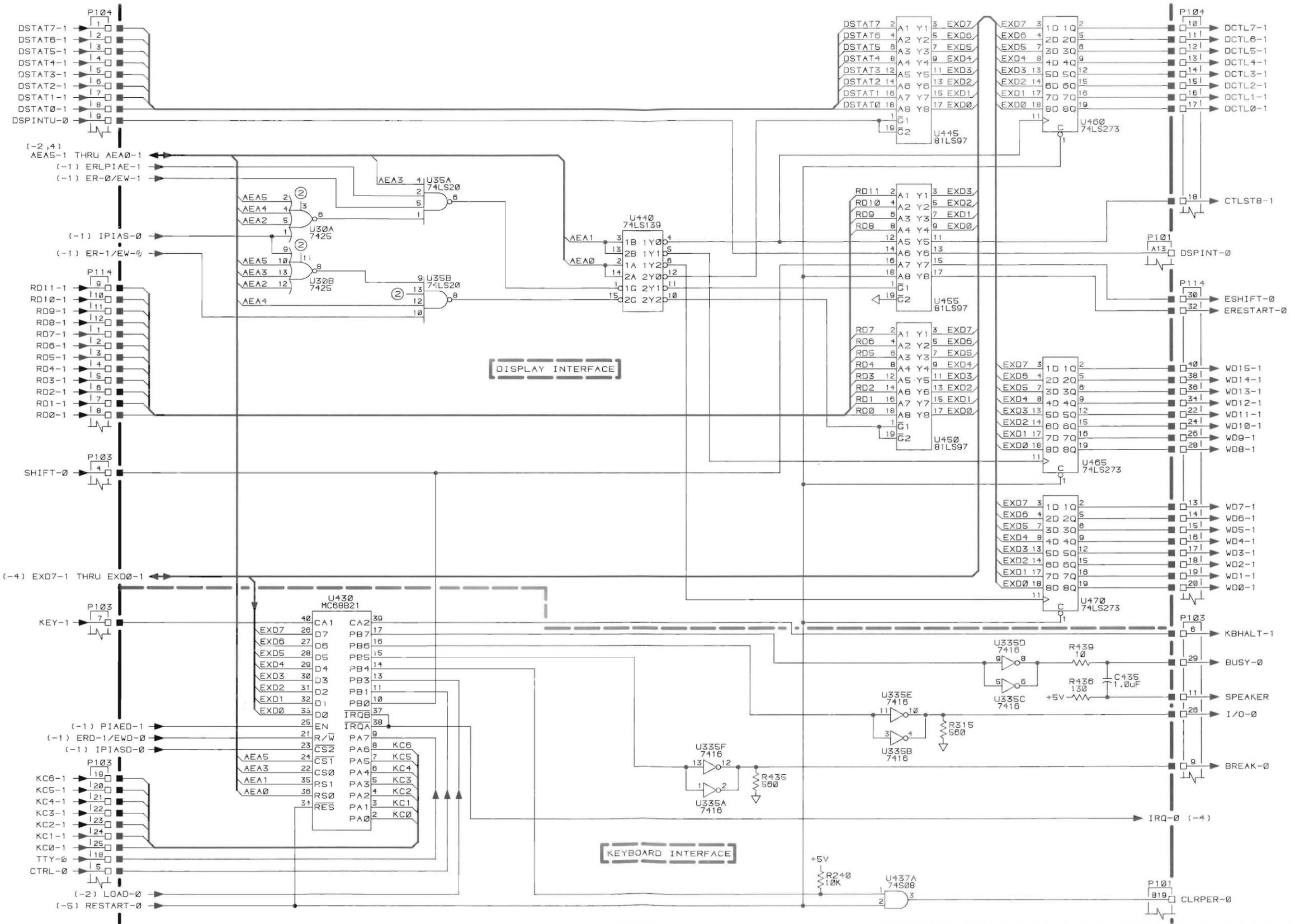


INSTRUMENT :  
4054A

NOTES :  
ADD, JULY 1982  
2839-331

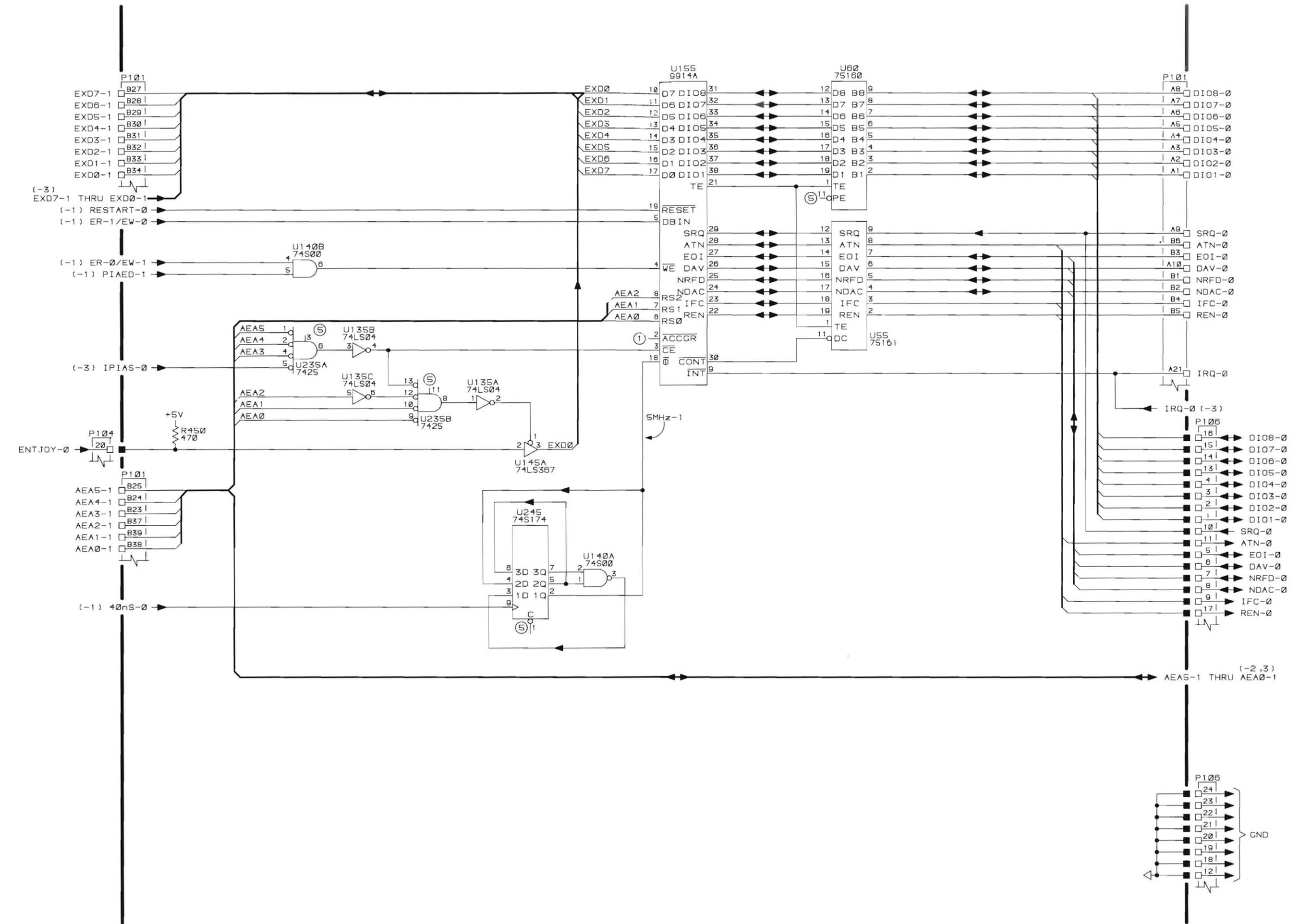
BOARD : 670-7630-00  
I/O BOARD

ASSEMBLY-SHEET :  
A7-2  
(2 OF 5)



INSTRUMENT: <p style="text-align: center;">4054A</p>	NOTES: 	ADD, JULY 1982 2839-S32	BOARD: 670-7630-00 <p style="text-align: center;">I/O BOARD</p>	ASSEMBLY-SHEET: <p style="text-align: center;">A7-3 (3 OF 5)</p>
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670-7630-00  
 A7-3

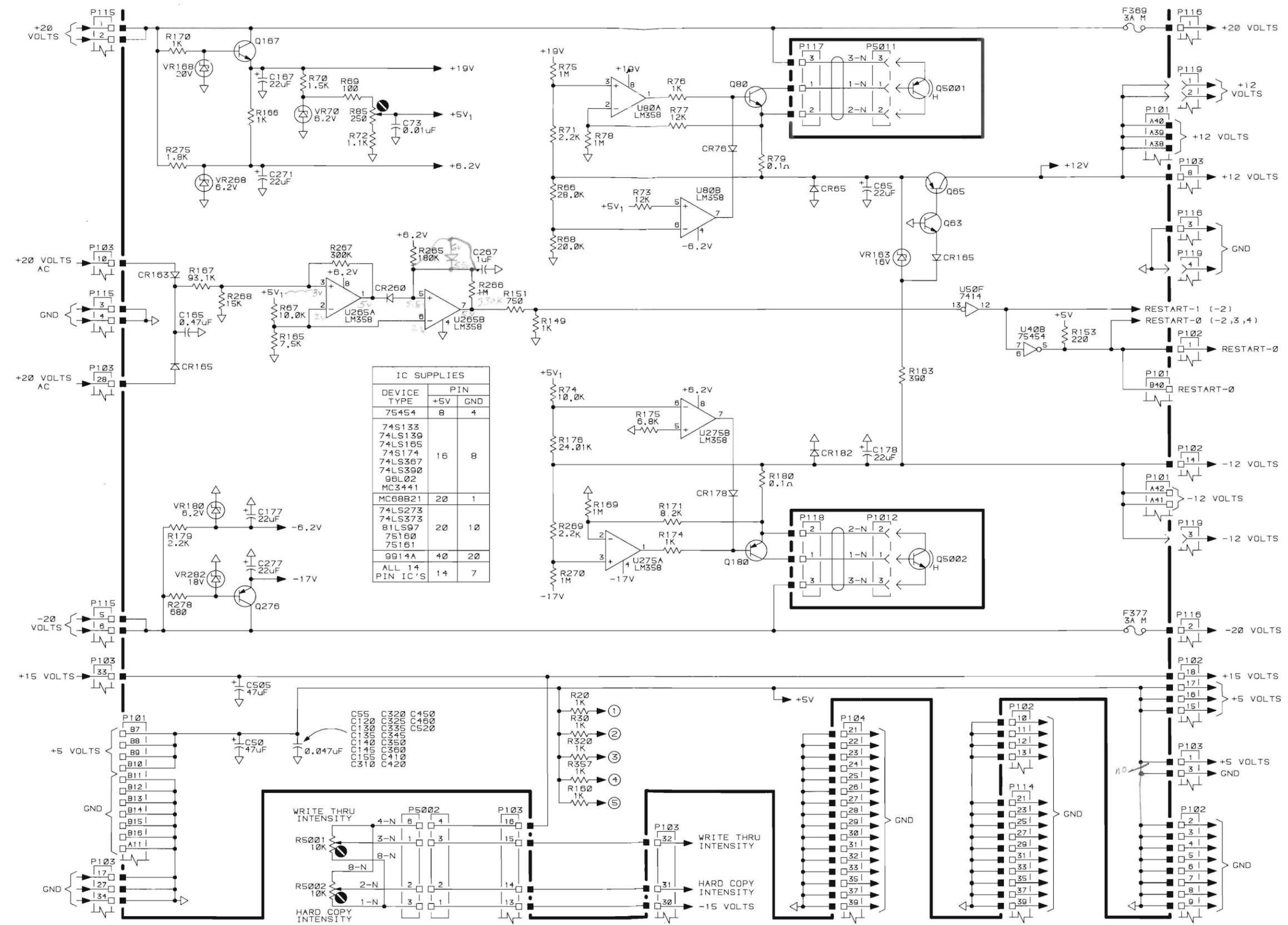


INSTRUMENT:  
4054A

NOTES:  
ADD, JULY 1982  
2839-S33

BOARD: 670-7630-00  
I/O BOARD

ASSEMBLY-SHEET:  
A7-4  
(4 OF 5)



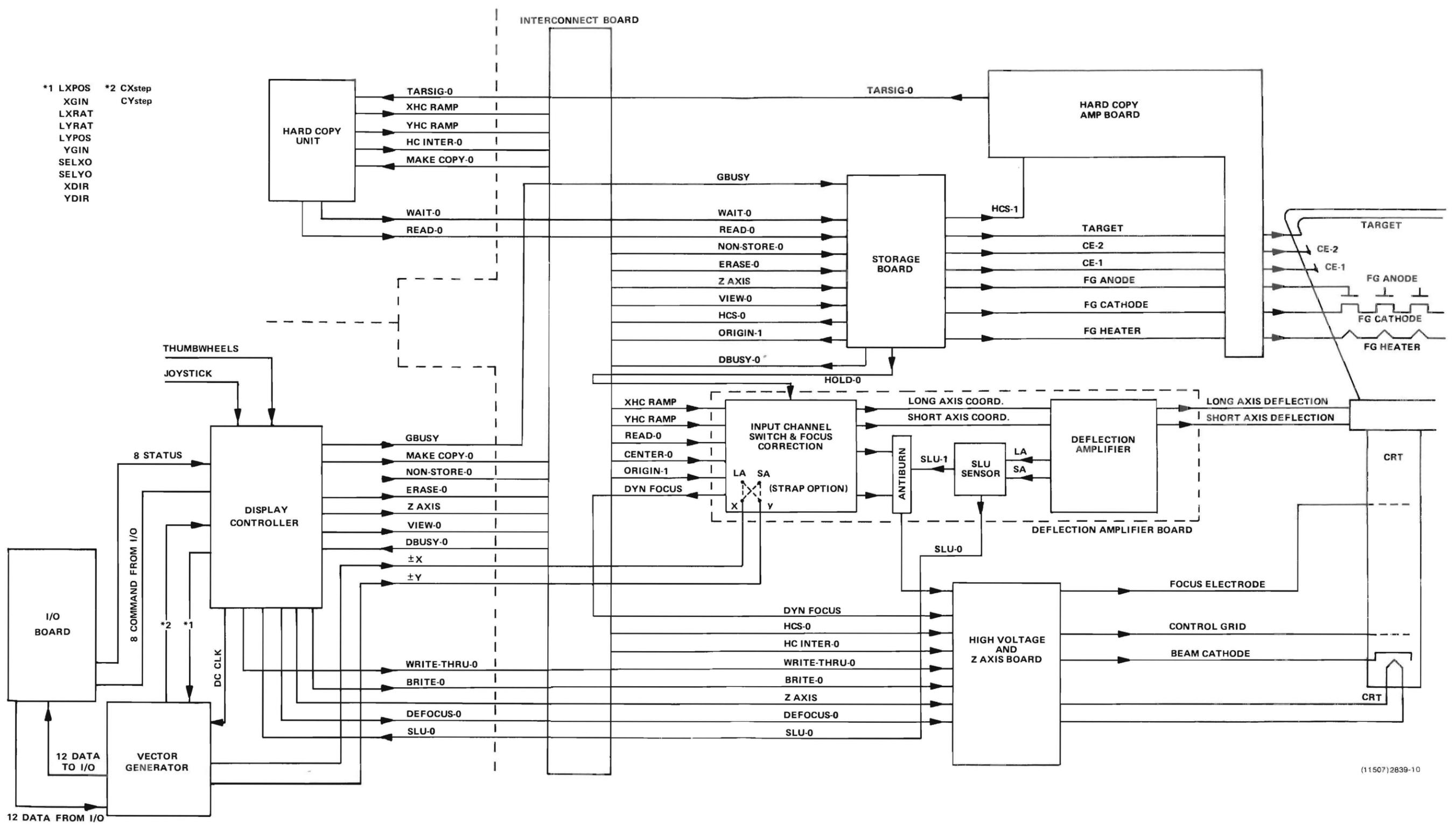
IC SUPPLIES			
DEVICE TYPE	+5V	GND	
75454	8	4	
74S133			
74LS139			
74LS165			
74S174	16	8	
74LS367			
74LS390			
96L02			
MC3441			
MC68B21	20	1	
74LS273			
74LS373			
81LS97	20	10	
75160			
75161			
9914A	40	20	
ALL PIN IC'S	14	7	

INSTRUMENT:  
4054A

NOTES:  
ADD, JULY 1982  
2839-S34

BOARD: 670-7630-00  
I/O BOARD

ASSEMBLY-SHEET:  
A7-5  
(5 OF 5)

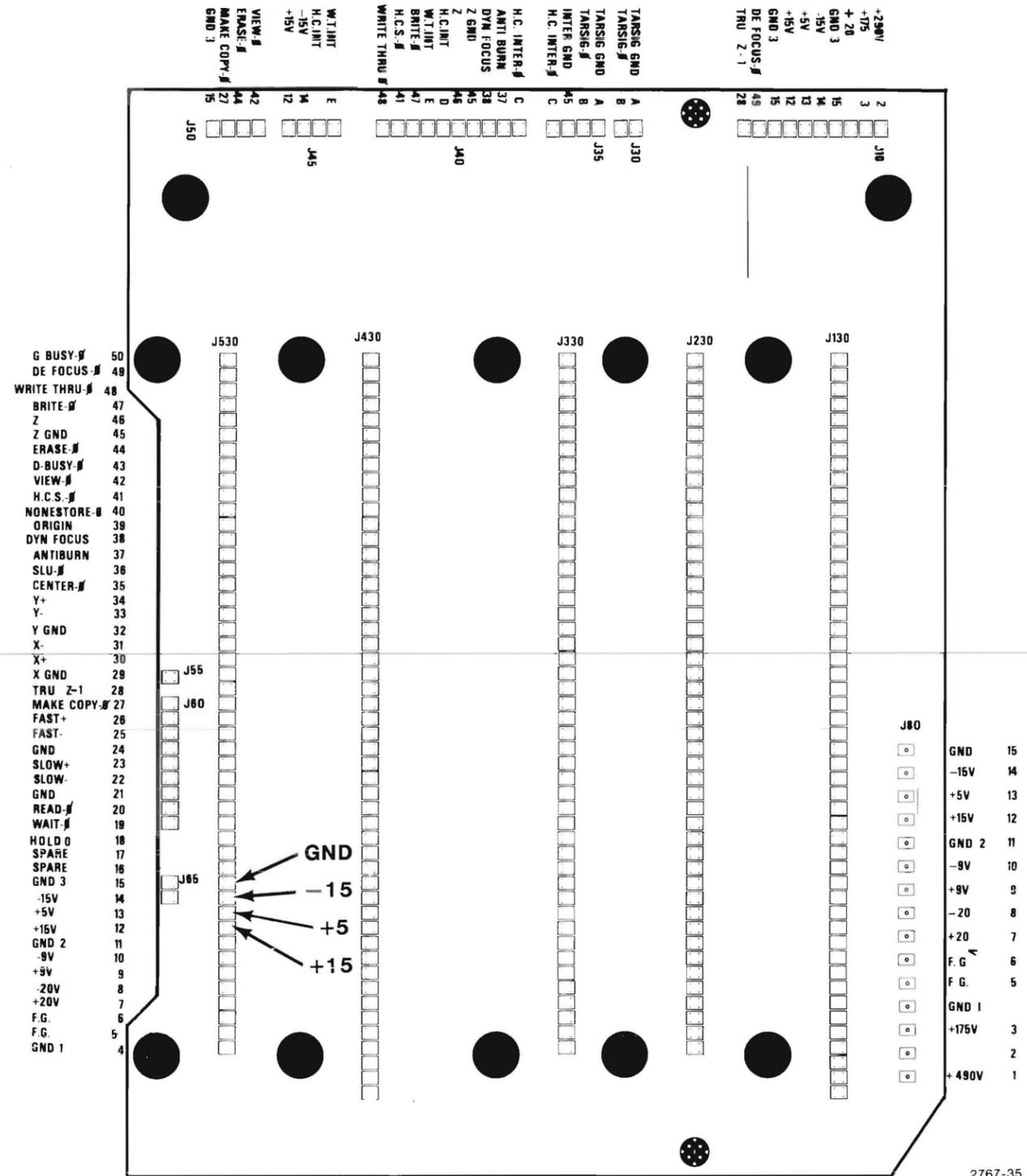


\*1 LXPOS  
XGIN  
LXRAT  
LYRAT  
LYPOS  
YGIN  
SELXO  
SELYO  
XDIR  
YDIR

\*2 CXstep  
CYstep

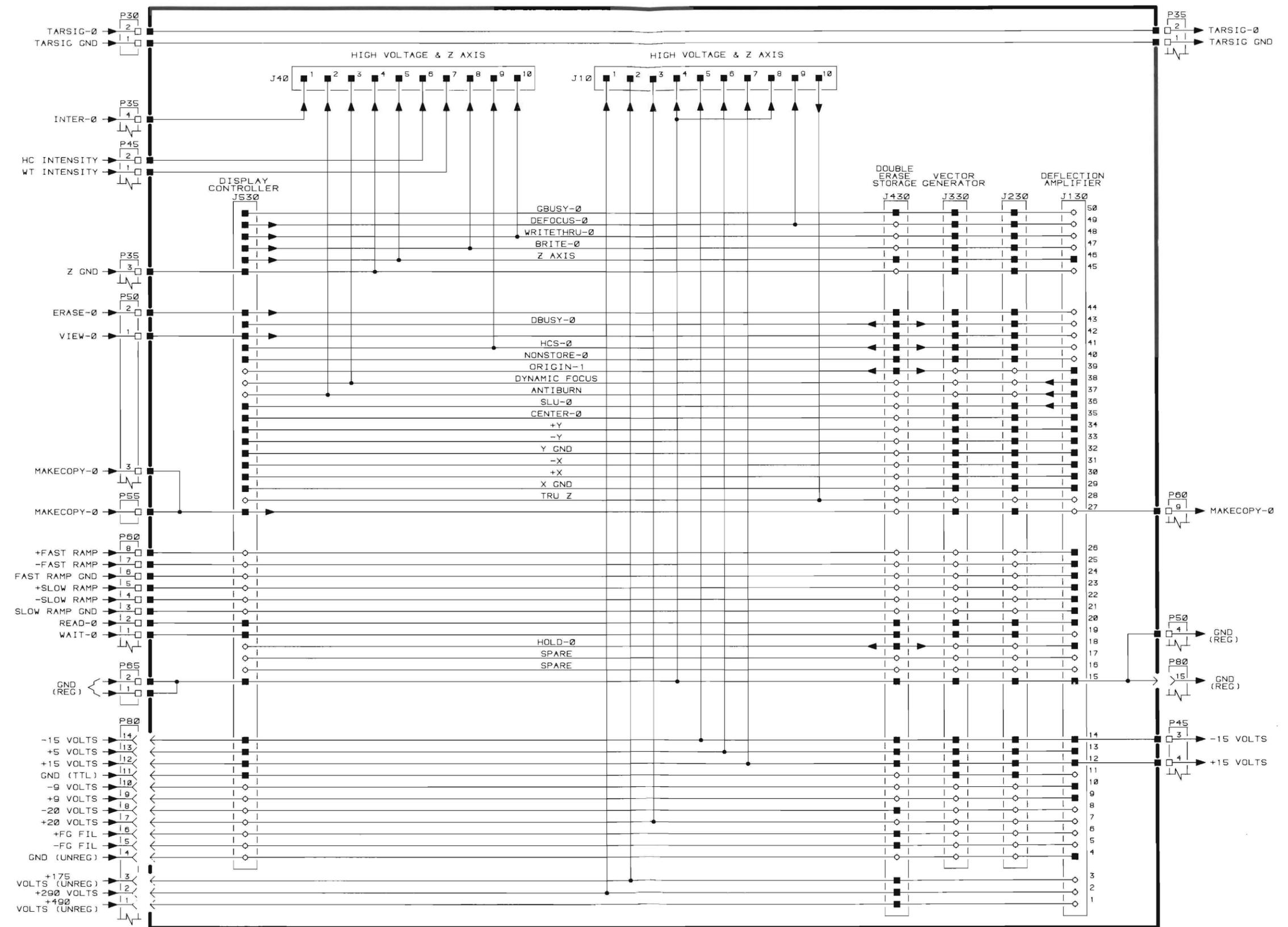
I/O DIAGRAM

INTERCONNECT  
COMPONENT LOCATIONS



Interconnect Board Component Locations (670-6099-00).

2767-35



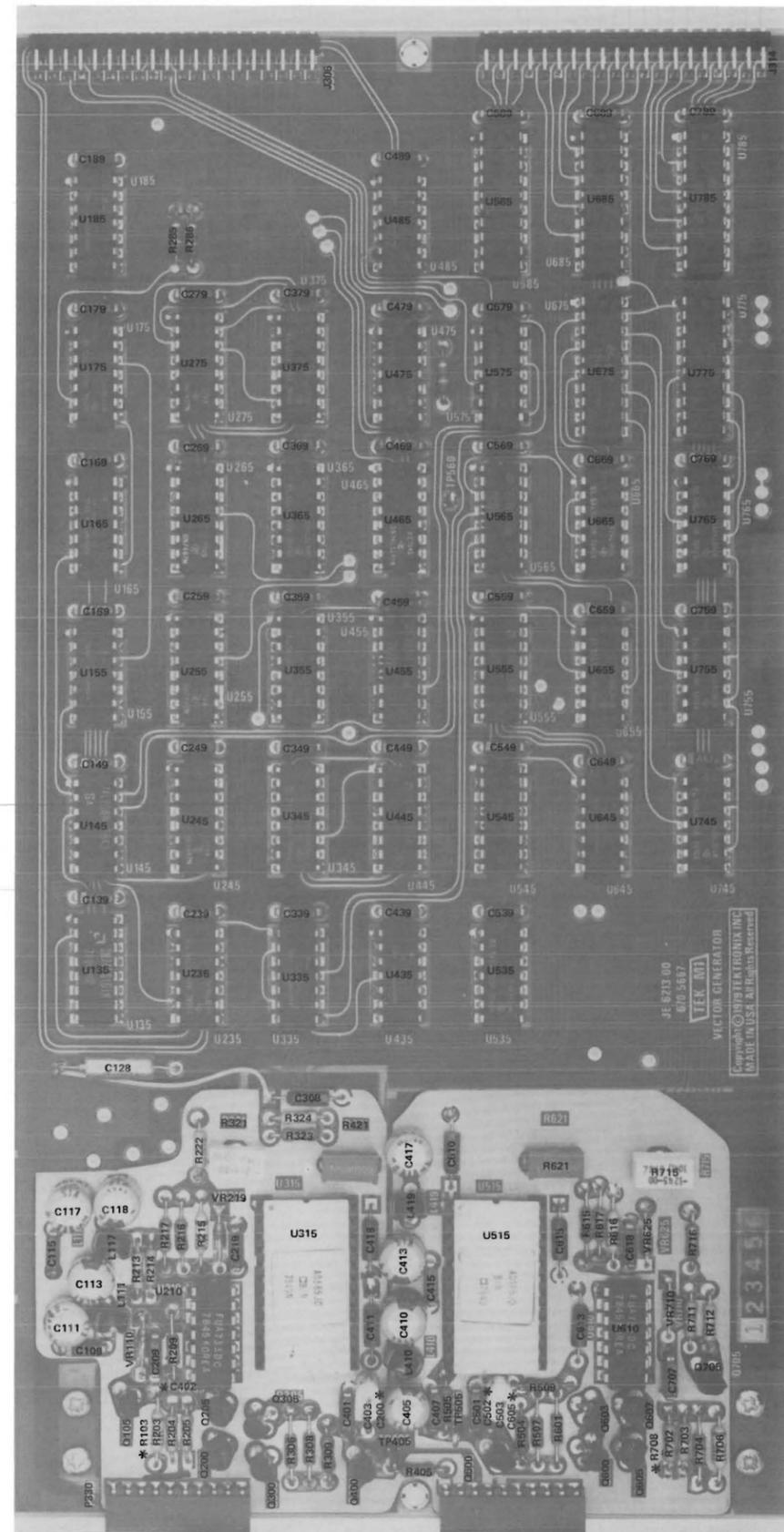
INSTRUMENT:  
4054/4054A

NOTES:  
REV, JULY 1982  
2839-S35

BOARD: 670-6099-00  
INTERCONNECT BOARD

ASSEMBLY-SHEET:  
A8-1  
(1 OF 1)

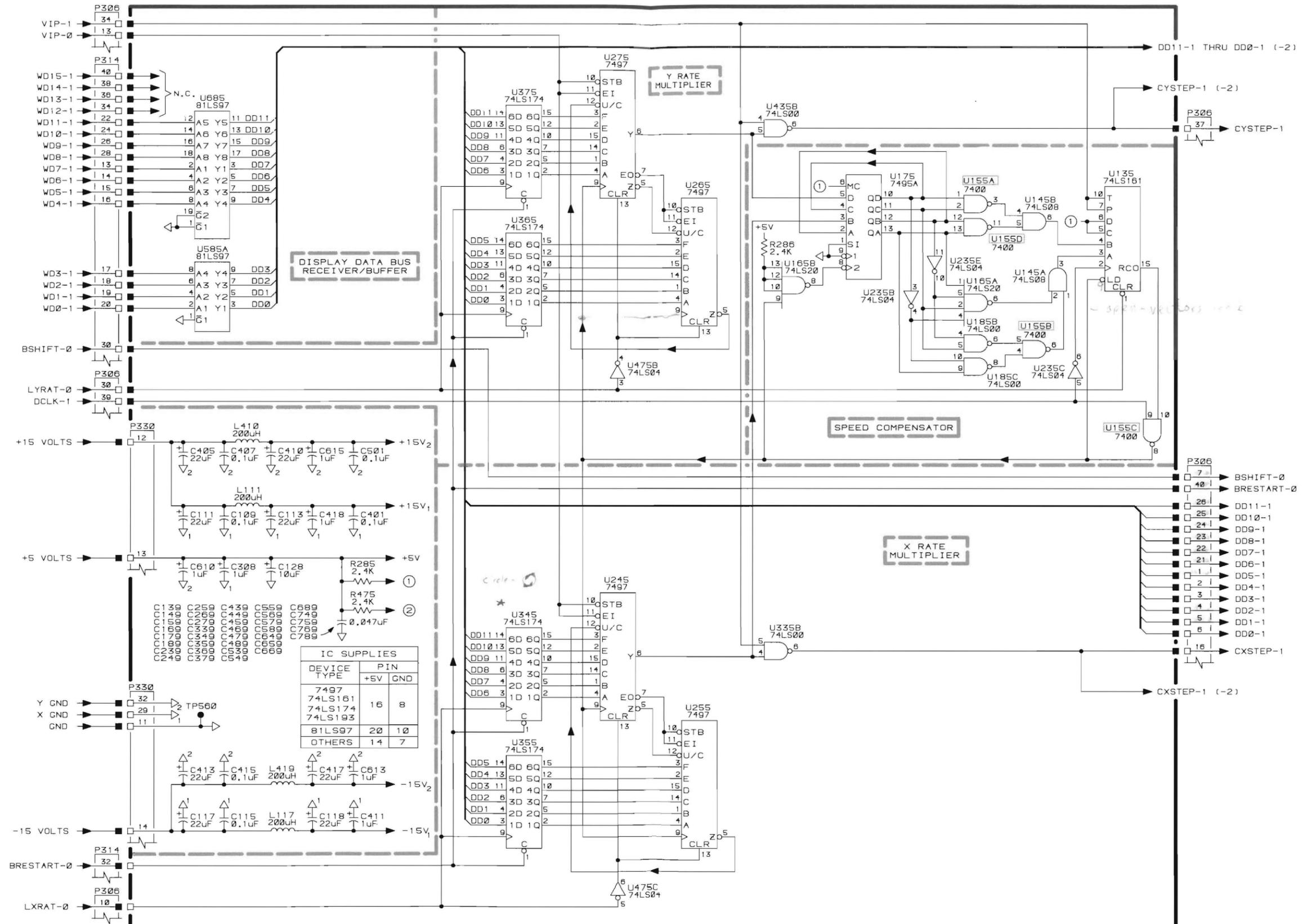
670-6099-00  
A8-1



\* B010196 AND UP

2839-11

Vector Generator Board Component Locations (670-5667-00 Thru 03).



INSTRUMENT:  
4054/4054A

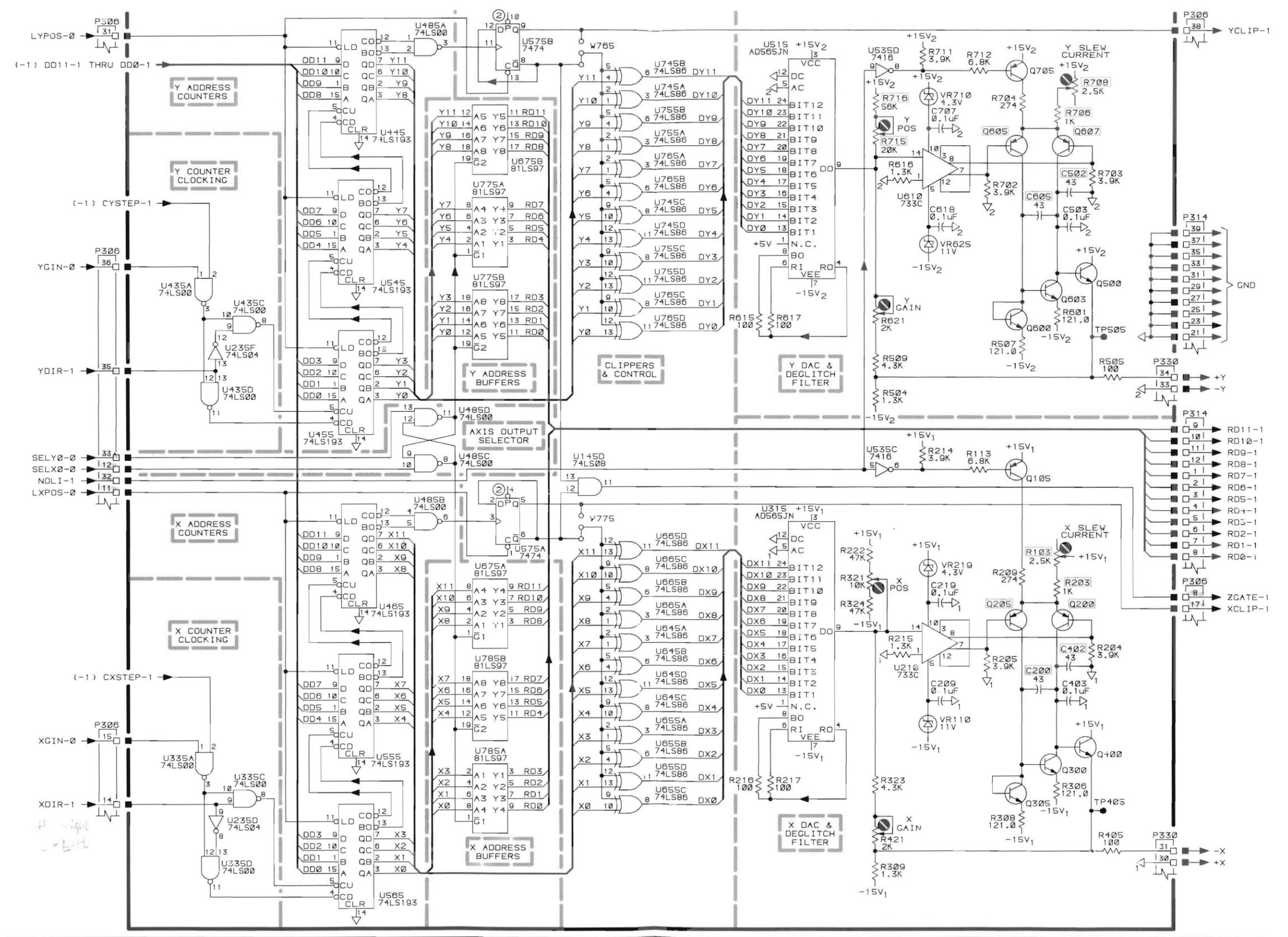
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S36

BOARD: 670-5667-00,01,02,03  
VECTOR GENERATOR BOARD

ASSEMBLY SHEET:  
A9-1  
(1 OF 2)

DACS-  
156-1329-00



INSTRUMENT:  
4054/4054A

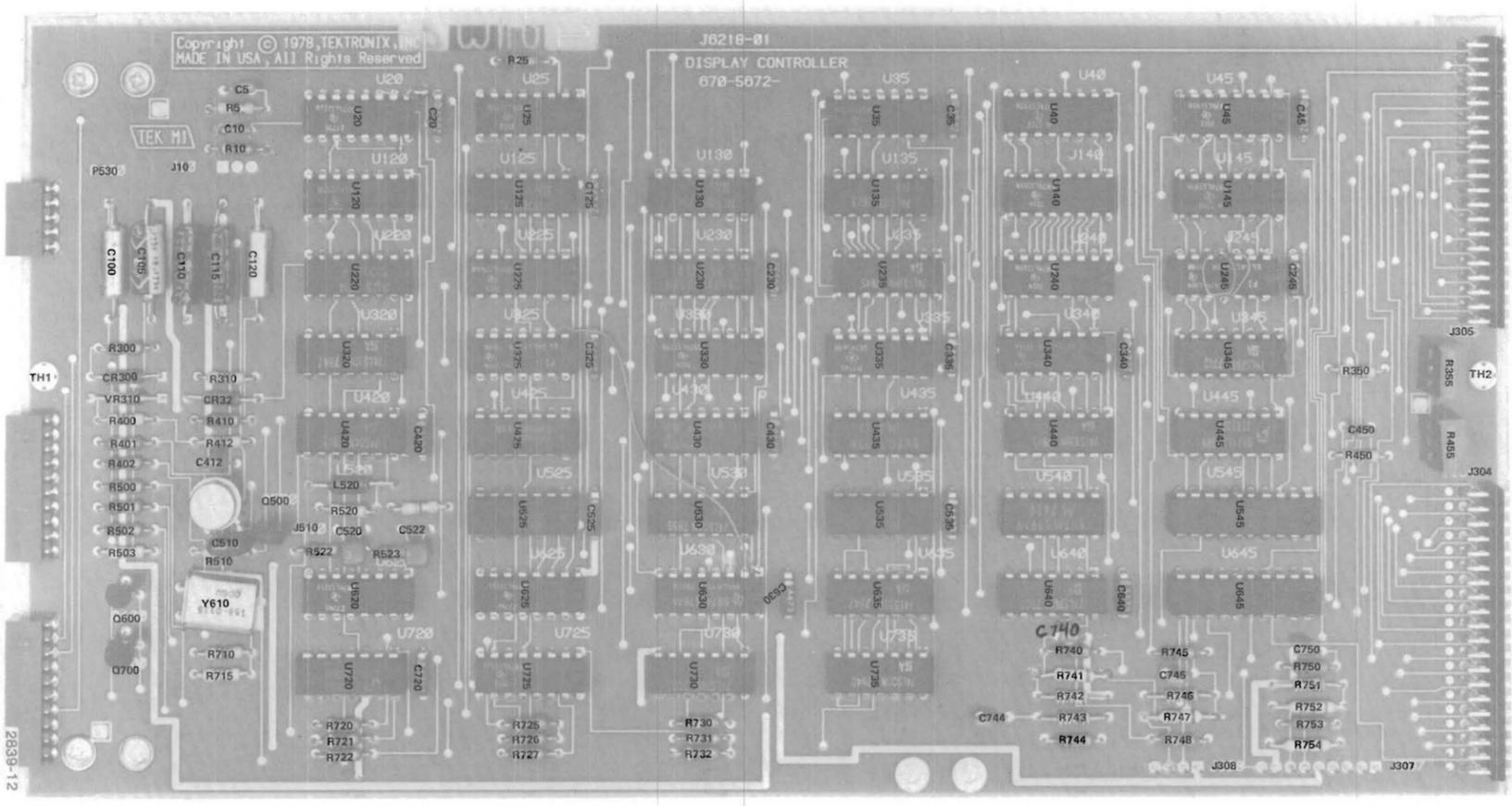
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S37

BOARD 670-5667-00,01,02,03  
VECTOR GENERATOR BOARD

ASSEMBLY-SHEET:  
A9-2  
(2 OF 2)

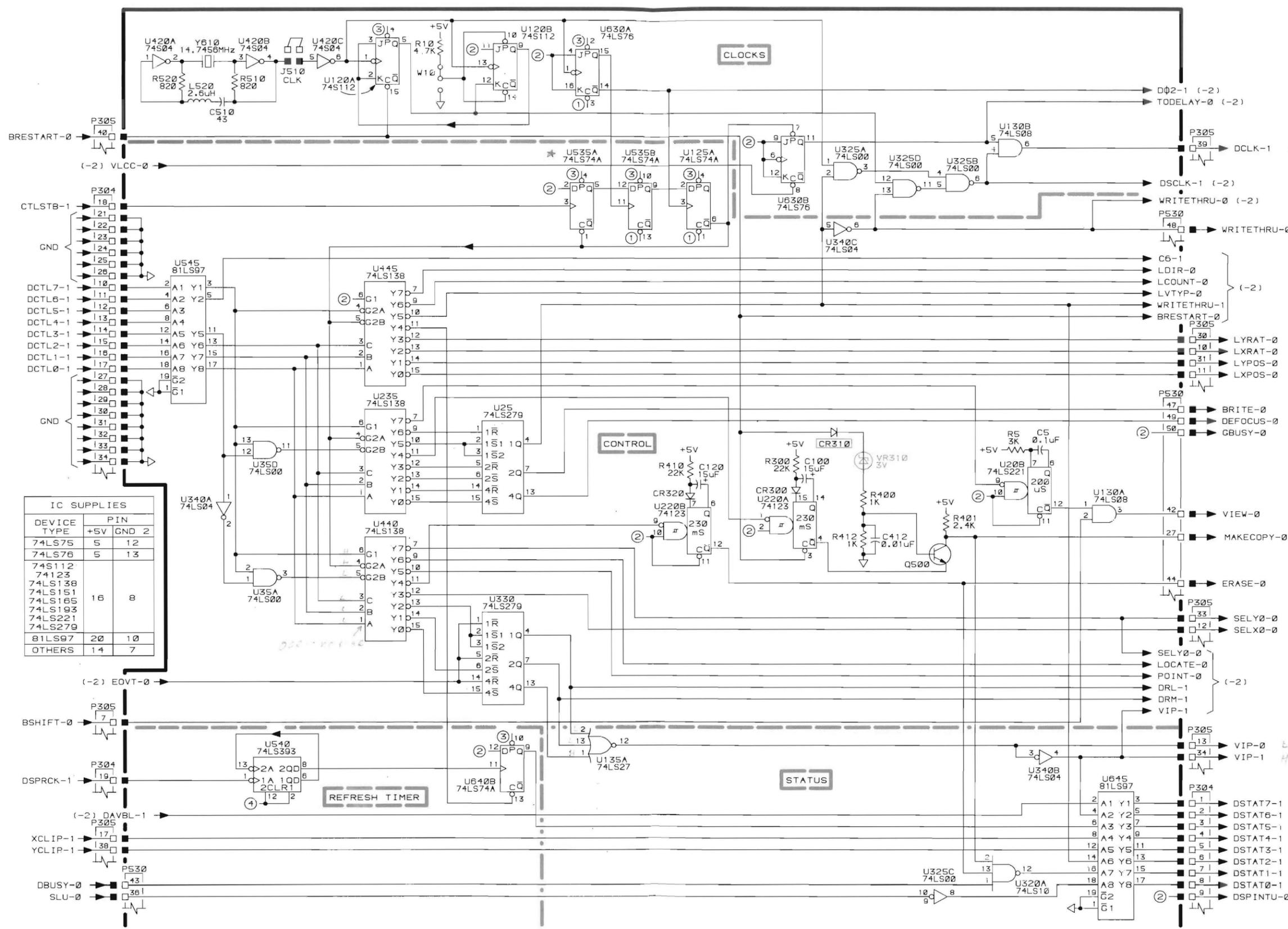
670-5667-00 THRU 03



Display Controller Board Component Locations (670-5672-00 Thru 04).

REV. JUL 1982

4054/4054A PARTS AND SCHEMATICS



IC SUPPLIES		
DEVICE TYPE	+5V	PIN GND 2
74LS75	5	12
74LS76	5	13
74S112		
74123		
74LS138		
74LS151	16	8
74LS165		
74LS193		
74LS221		
74LS279		
81LS97	20	10
OTHERS	14	7

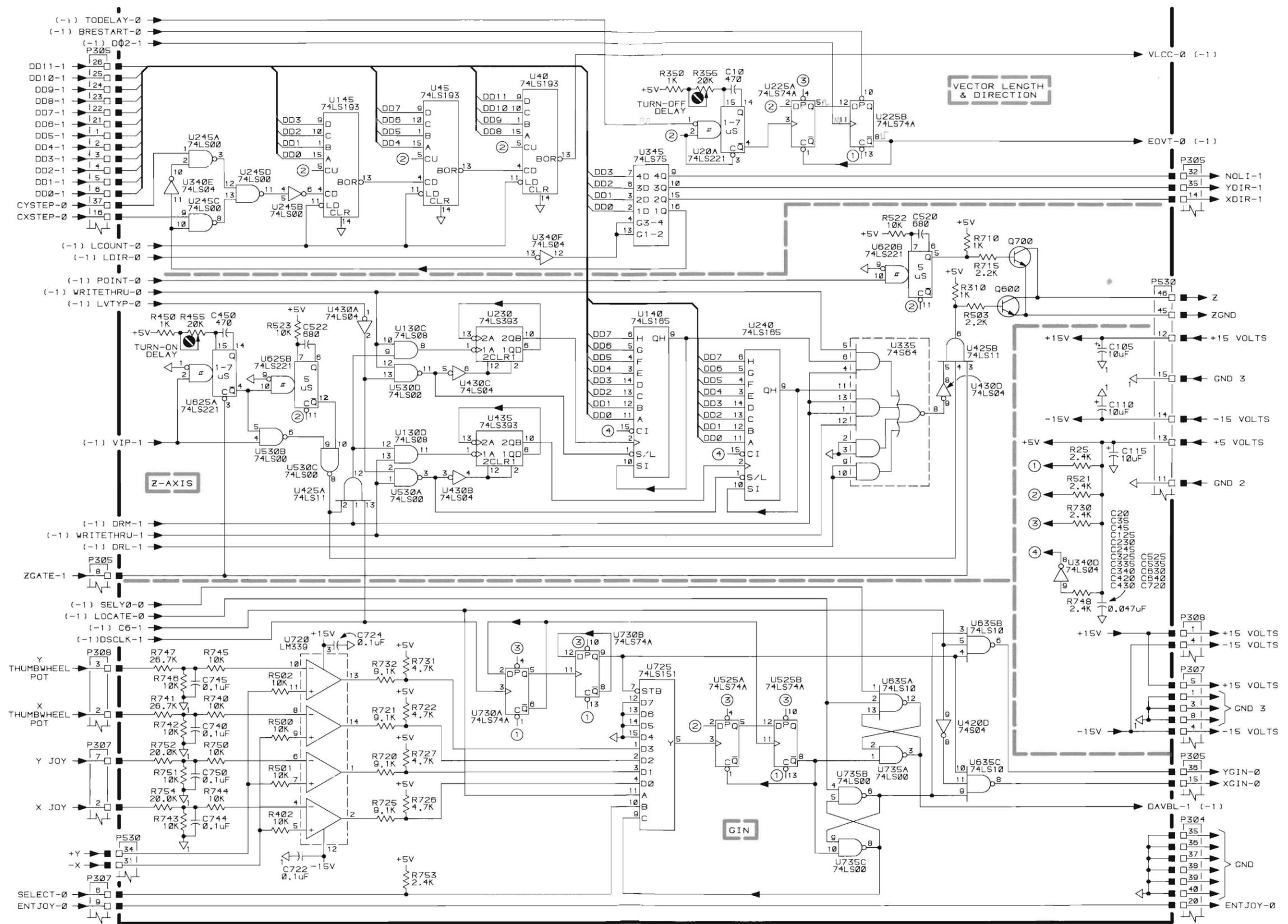
INSTRUMENT:  
4054/4054A

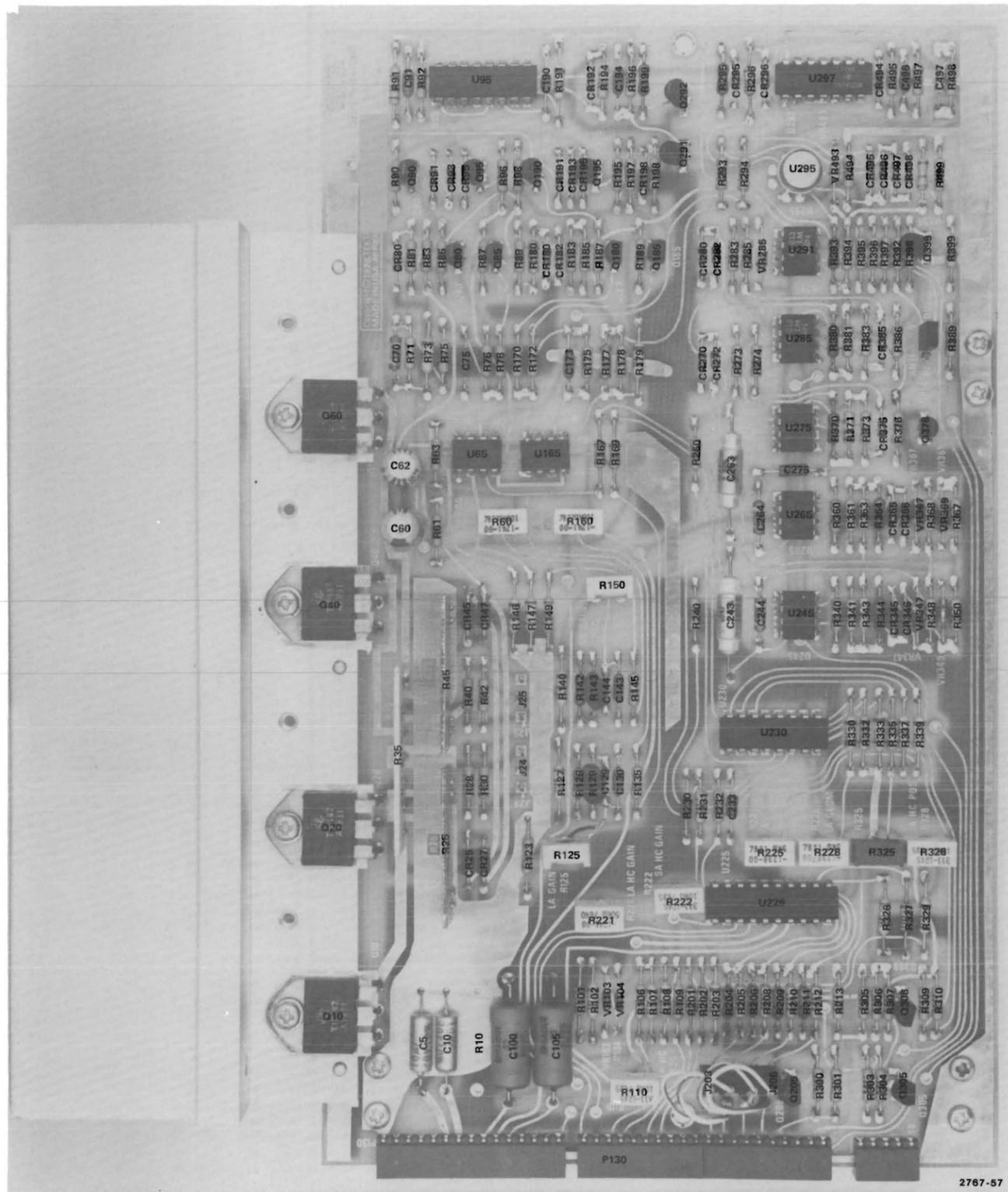
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-538

BOARD: 670-5672-00,01,02,03,04  
DISPLAY CONTROLLER BOARD

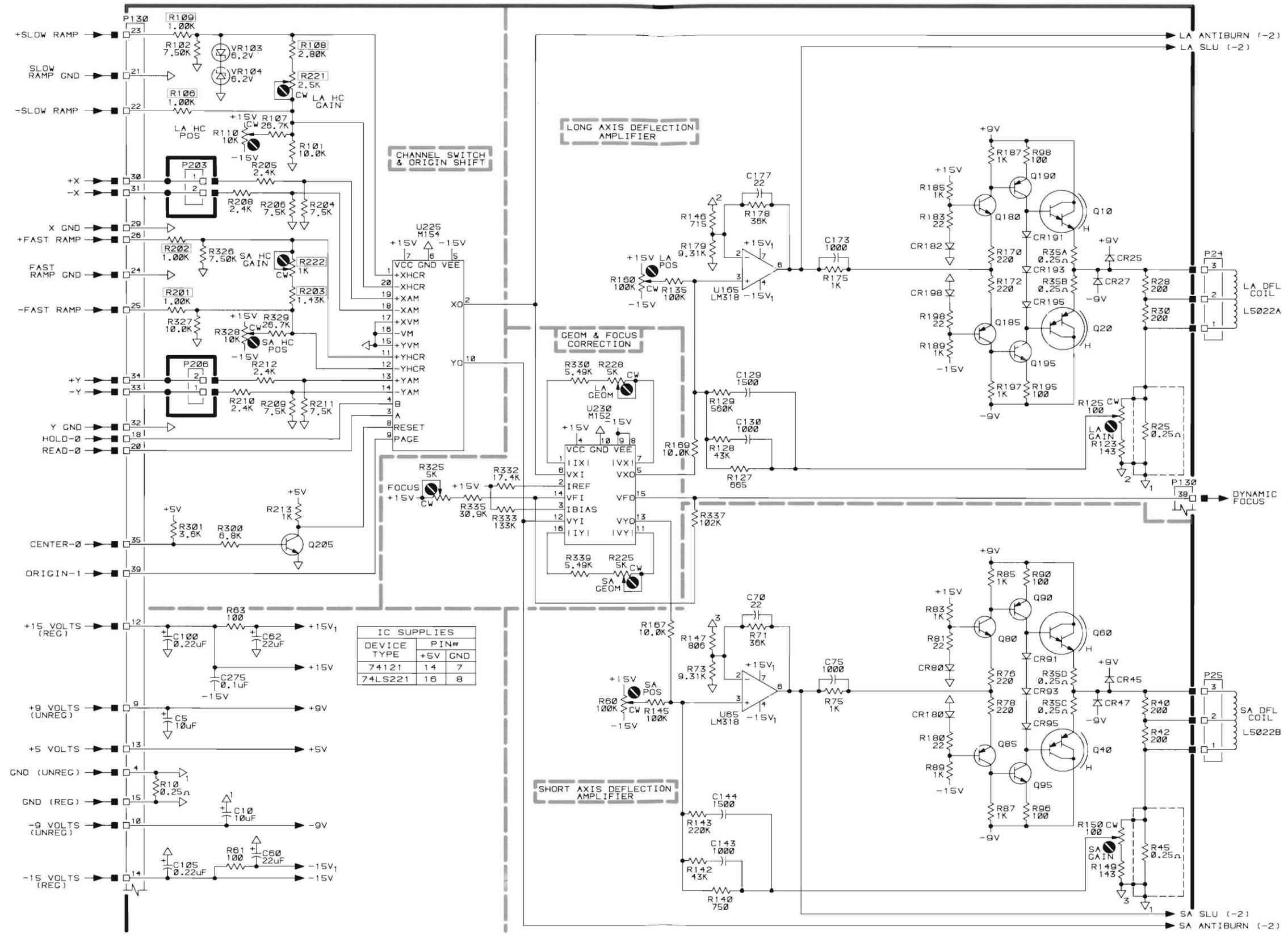
ASSEMBLY-SHEET:  
A10-1  
(1 OF 2)





2767-57

Deflection Amplifier Board Component Locations (672-0783-01 Thru 05).



IC SUPPLIES	
DEVICE TYPE	PIN#
74121	14 7
74LS221	16 8

INSTRUMENT:  
4054/4054A

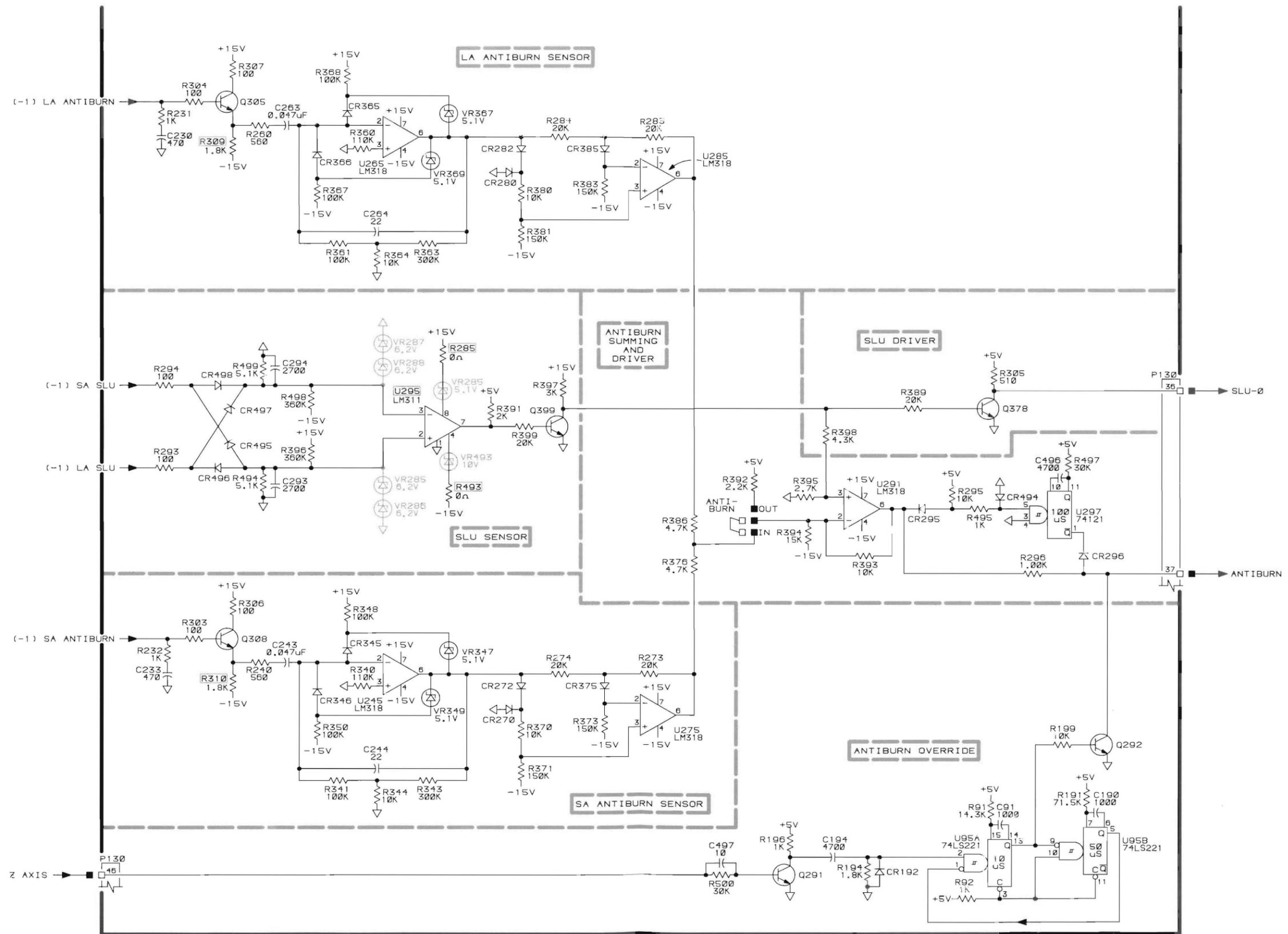
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S40

BOARD: 670-5966-02,03,04,05 / 672-0783-02,03,04,05  
DEFLECTION AMPLIFIER BD.

ASSEMBLY-SHEET:  
A11-1  
(1 OF 2)

672-0783-02 THRU 05



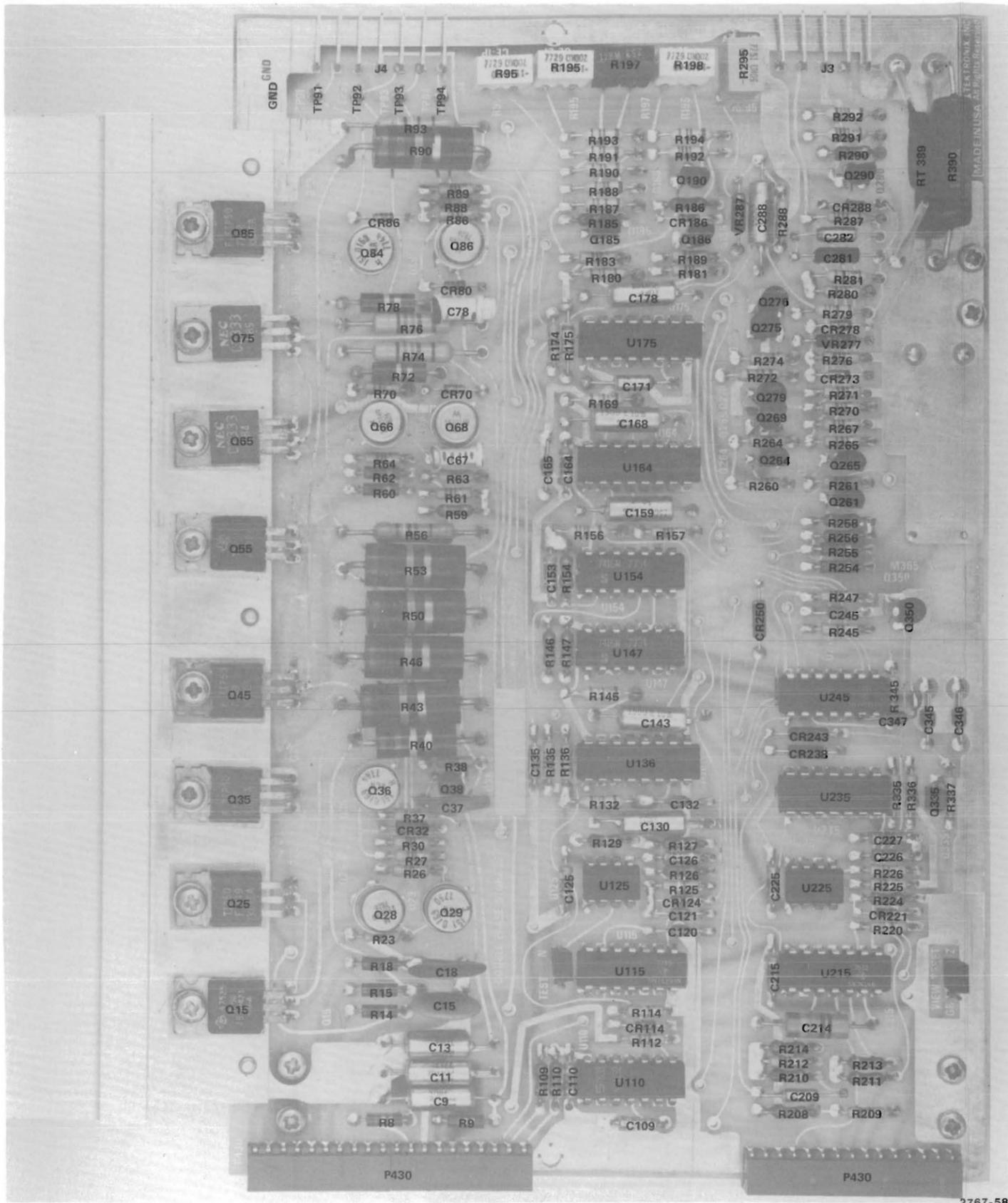
INSTRUMENT:  
4054/4054A

NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S41

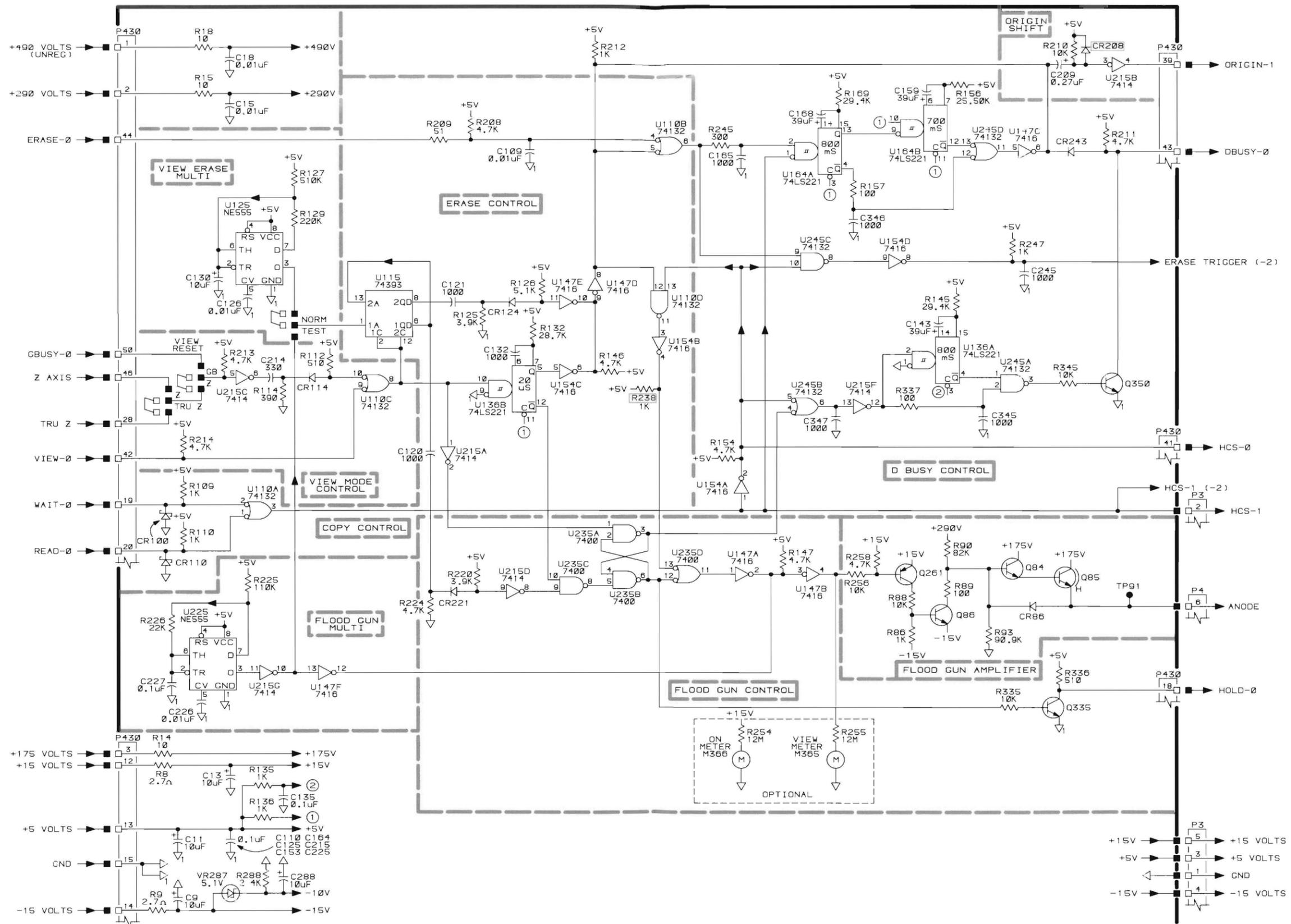
BOARD: 670-5699-02, 03, 04, 05 / 672-0783-02, 03, 04, 05  
DEFLECTION AMPLIFIER BD.

ASSEMBLY-SHEET:  
A11-2  
(2 OF 2)



2767-58

Storage Board Component Locations (672-0795-00 Thru 03).



INSTRUMENT:  
4054/4054A

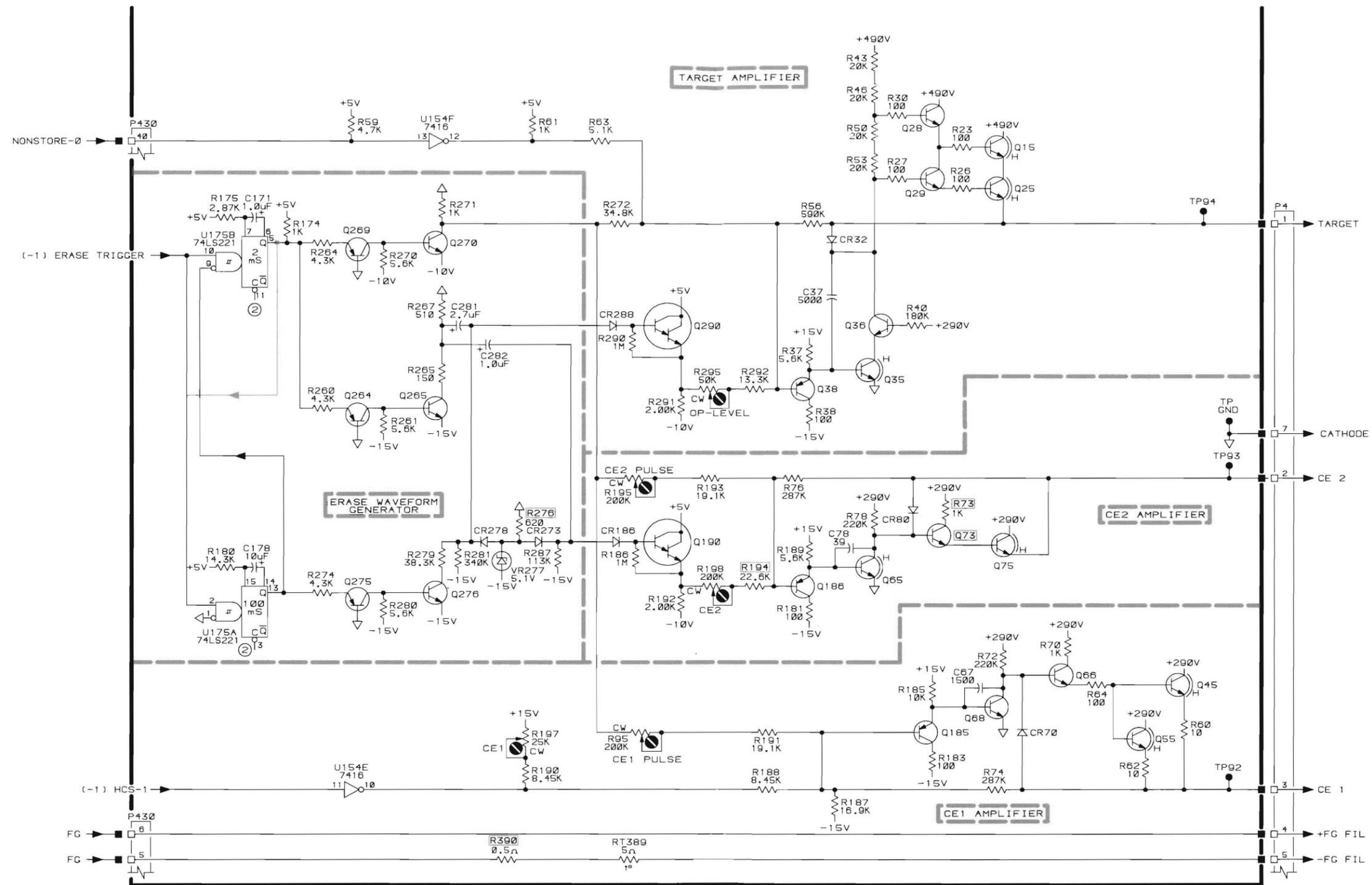
NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

REV, JULY 1982  
2839-S42

BOARD: 670-6127-02,03,04 / 672-0795-02,03,04  
DOUBLE ERASE STORAGE BOARD

ASSEMBLY-SHEET:  
A12-1  
(1 OF 2)

TORAGE  
3,04  
A12-1



INSTRUMENT:  
4054/4054A

NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.

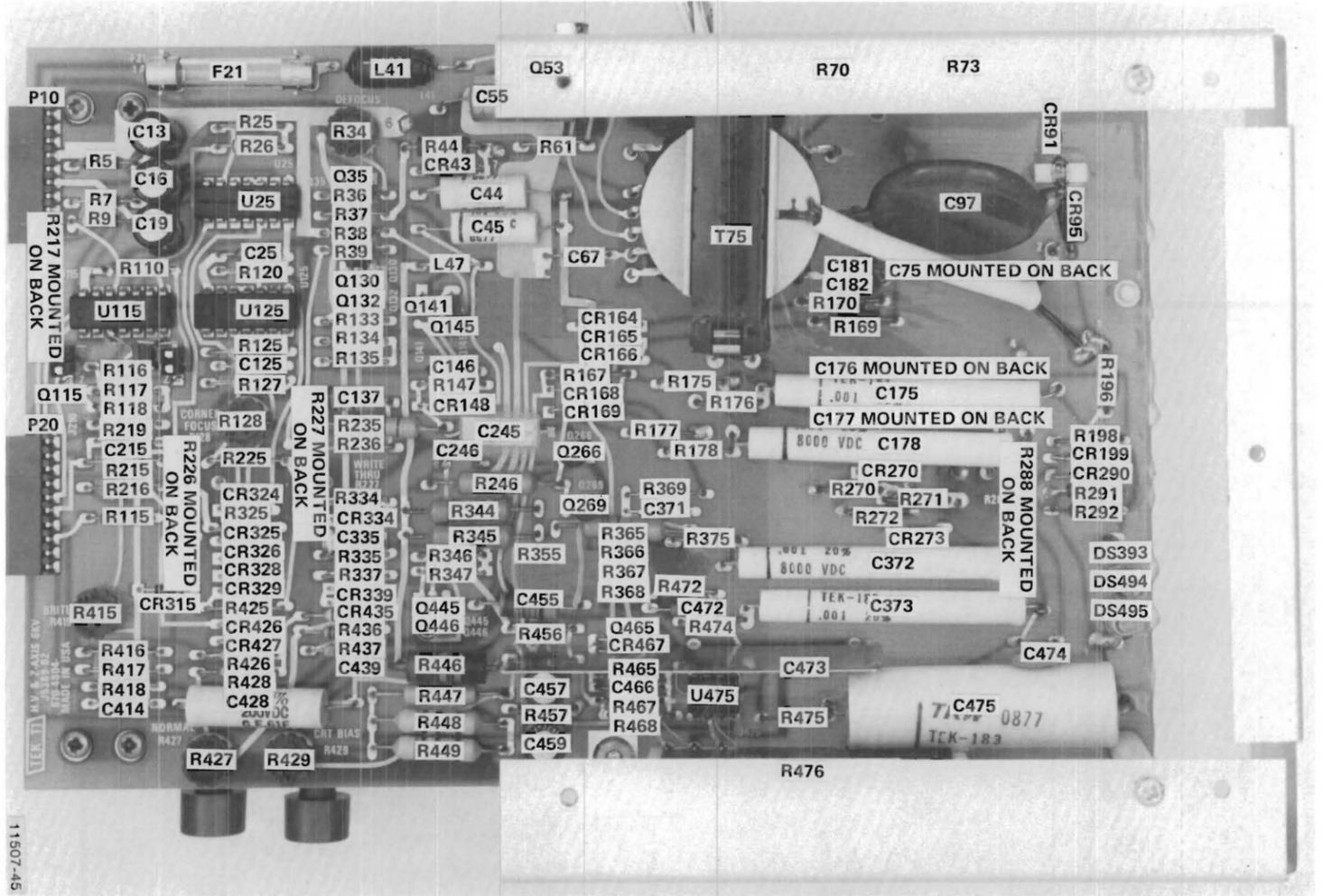
REV, JULY 1982  
2839-S43

BOARD: 670-6127-02,03,04 / 672-0795-02,03,04  
DOUBLE ERASE STORAGE BOARD

ASSEMBLY-SHEET:  
A12-2  
(2 OF 2)

DOUBLE ERASE STORAGE BOARD  
672-0795-02,03,04  
A12-2

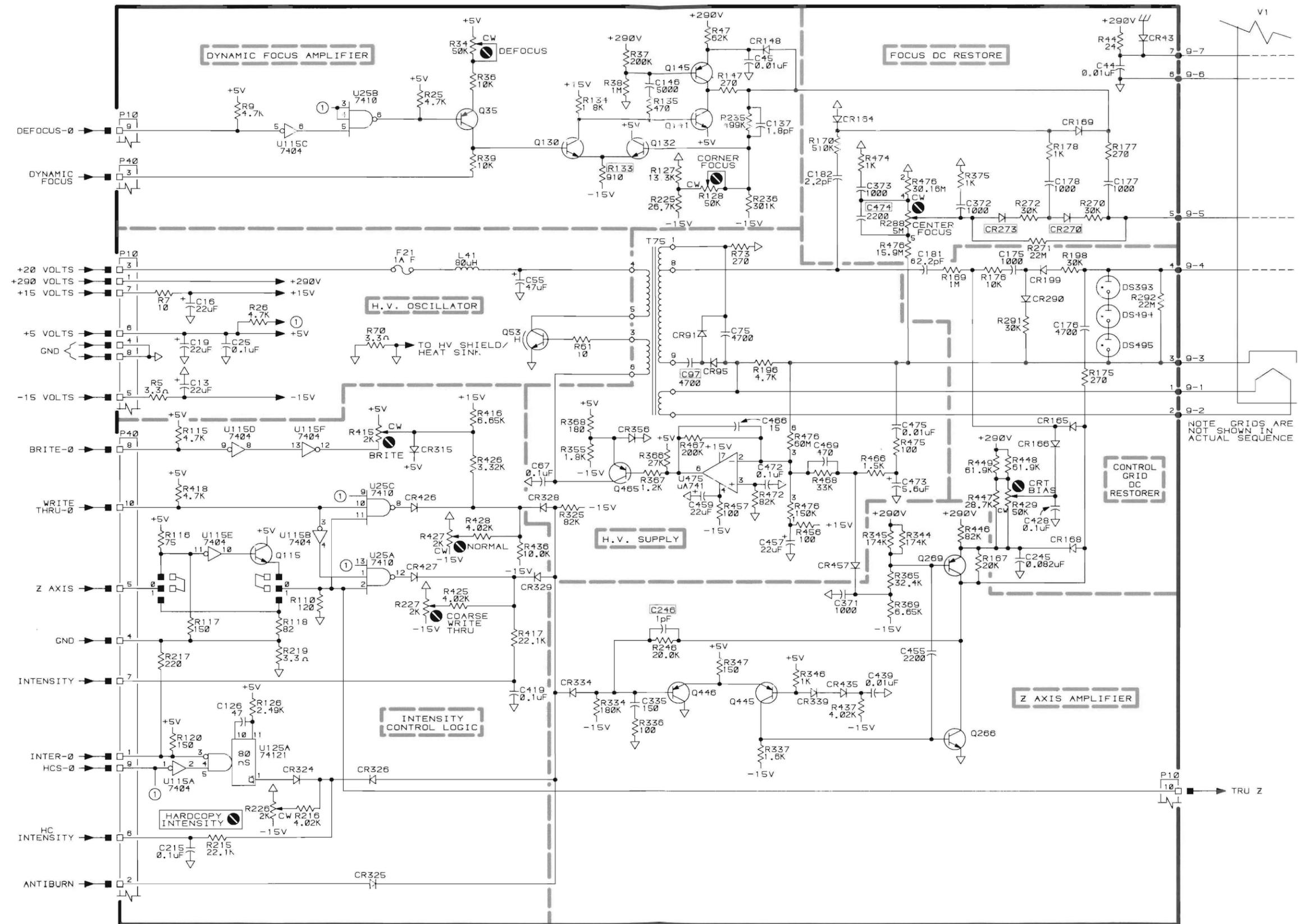
High Voltage and Z-Axis Boards Component Locations (672-0807-00, 01).



REV. JUL 1982

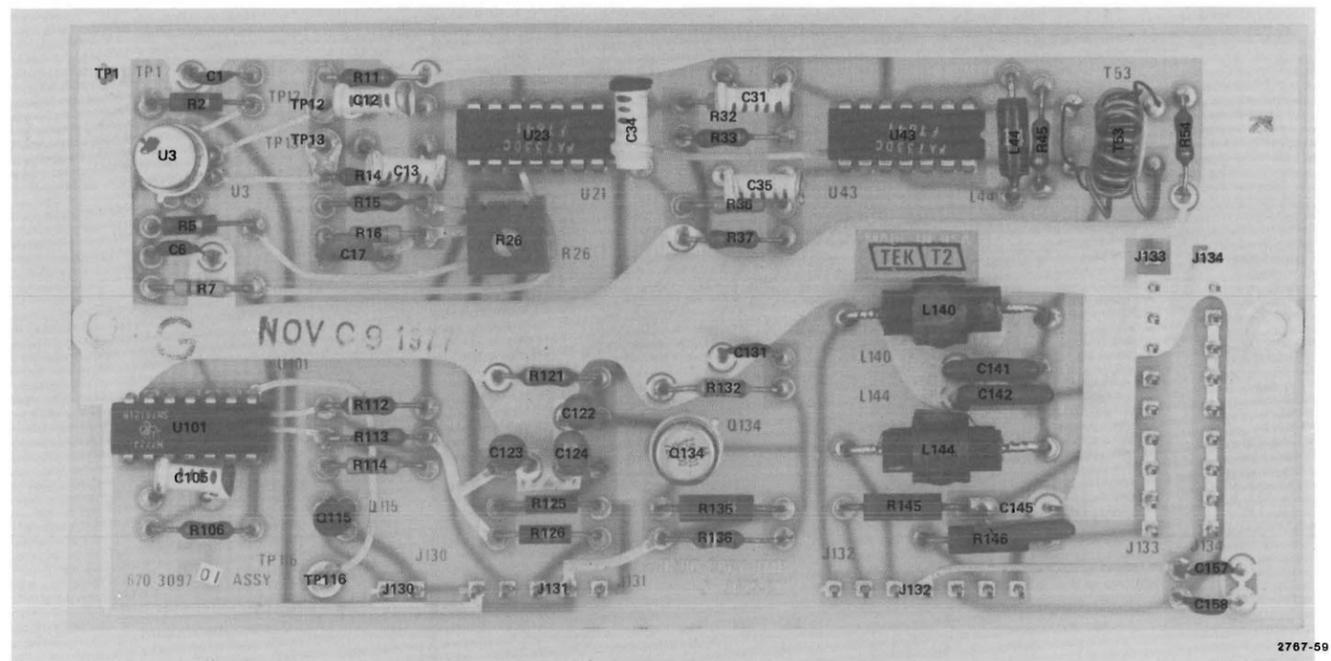
4054/4054A PARTS AND SCHEMATICS

11507-45

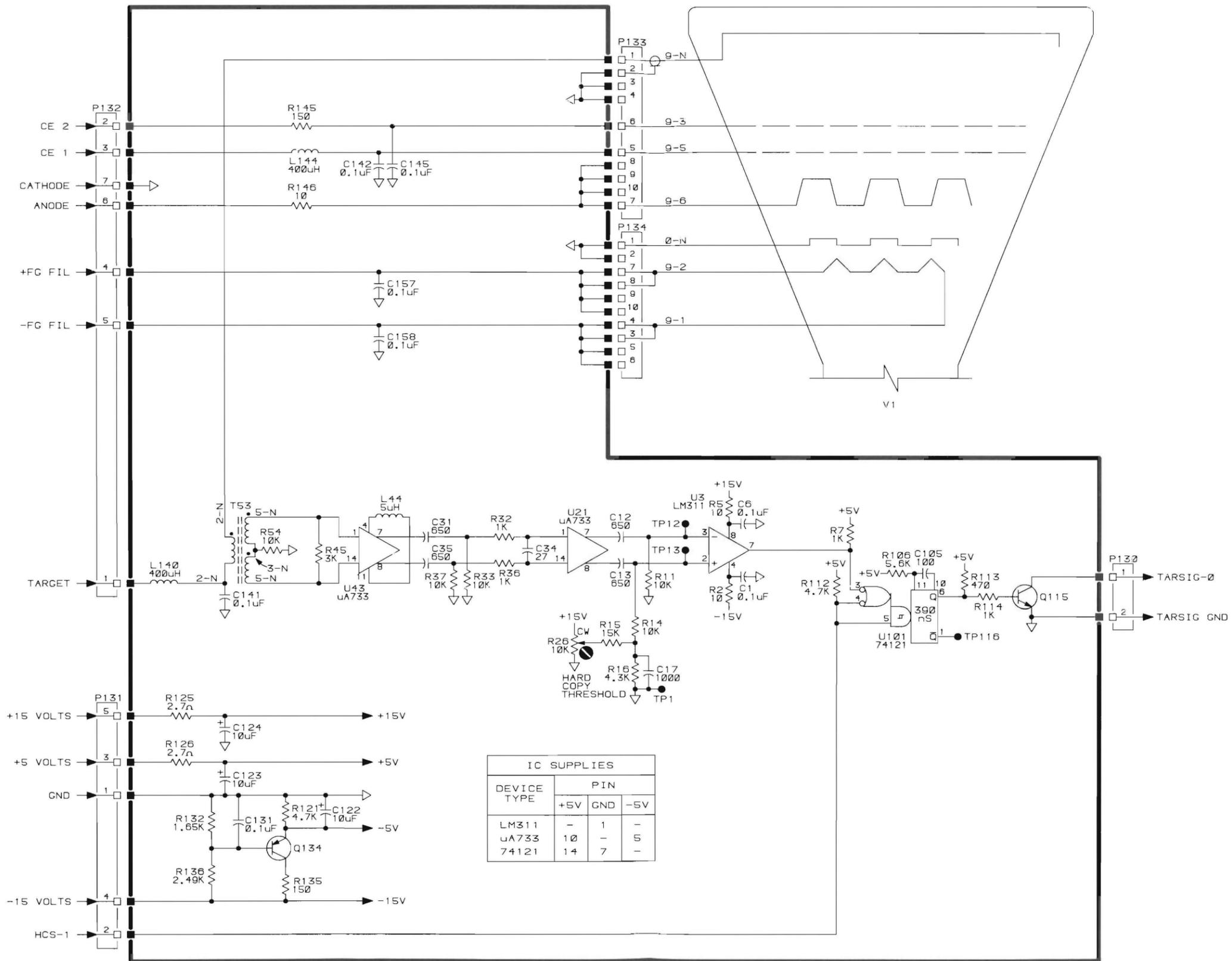


NOTE: GRIDS ARE NOT SHOWN IN ACTUAL SEQUENCE

INSTRUMENT: <b>4054/4054A</b>	NOTES: SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS OUTLINED OR DEPICTED IN GREY.	REV, JULY 1982 2839-S44	BOARD: 670-6191-00,01,02 / 672-0807-00,01 <b>HIGH VOLTAGE &amp; Z AXIS BD</b>	ASSEMBLY-SHEET. <b>A13-1</b> (1 OF 1)
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Hard Copy Amplifier Board Component Locations (670-3097-01).

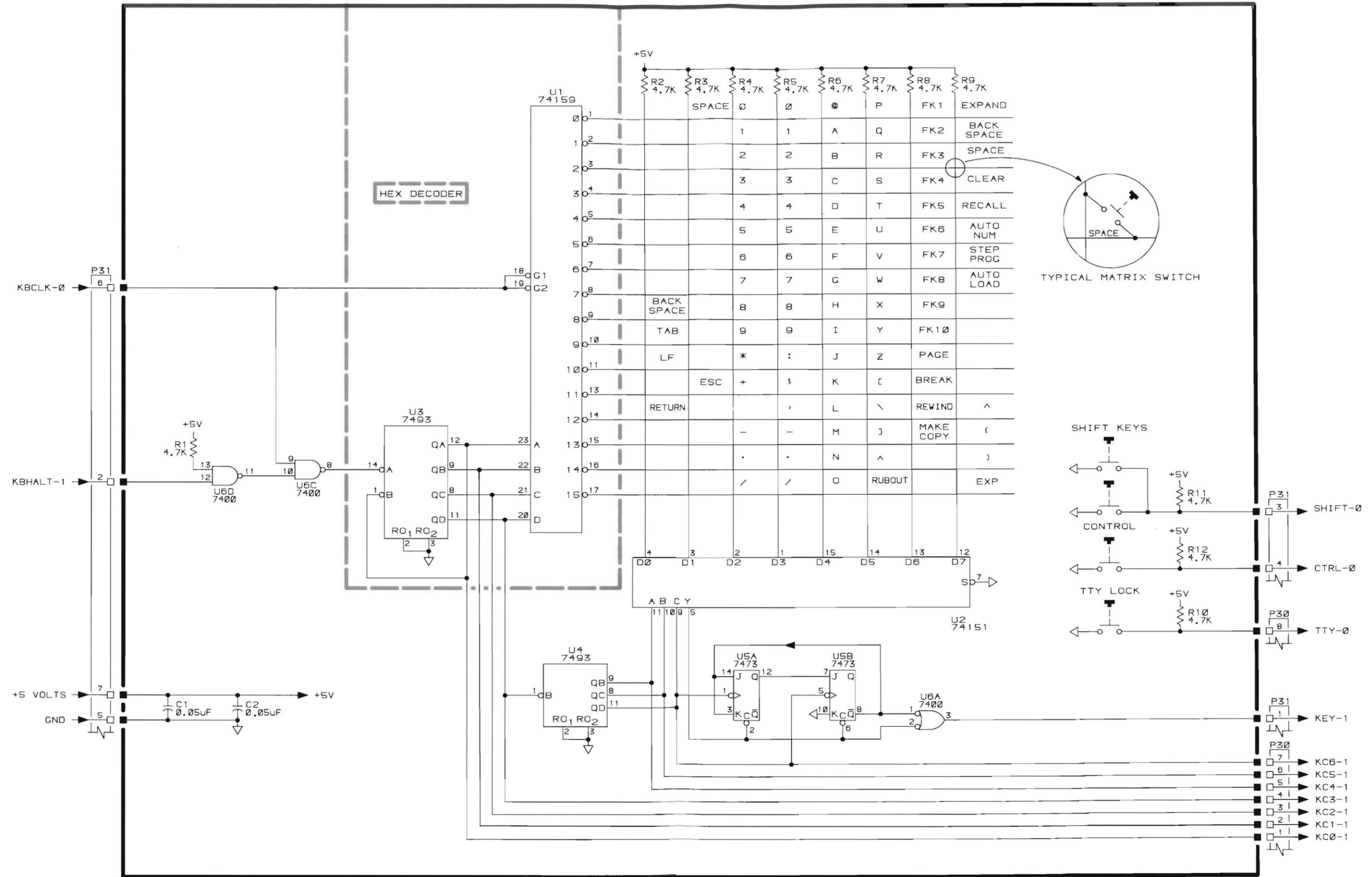


IC SUPPLIES			
DEVICE TYPE	PIN		
	+5V	GND	-5V
LM311	-	1	-
UA733	10	-	5
74121	14	7	-

670-3097-01  
A14-1



**Keyboard Component Locations (119-1050-00).**



INSTRUMENT:  
119-1050-00  
(FOR USE WITH 4054/4054A)

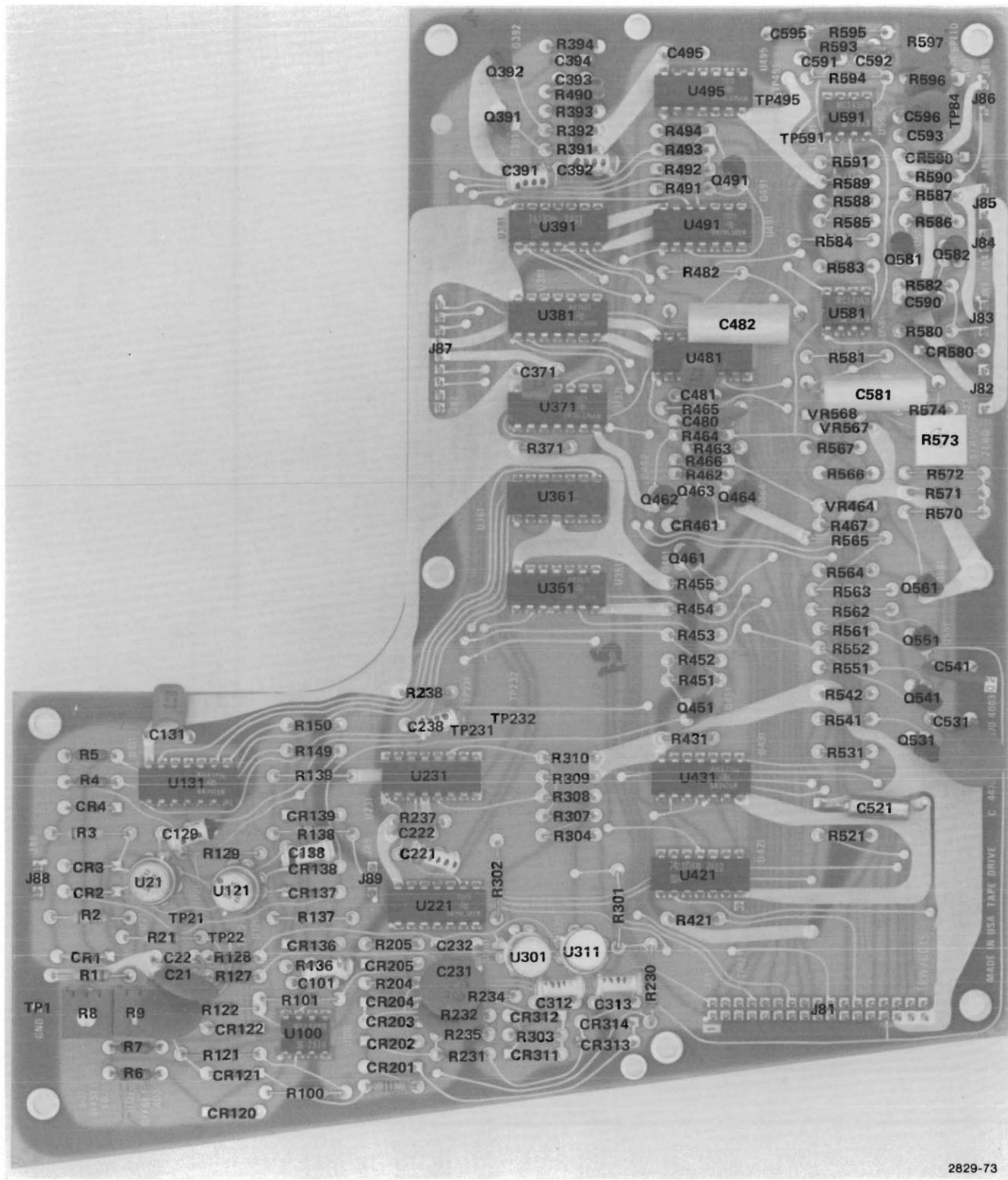
NOTES:

REV, JULY 1982  
CHERRY ELECTRICAL PRODUCTS CORP.  
2839-S46

BOARD:

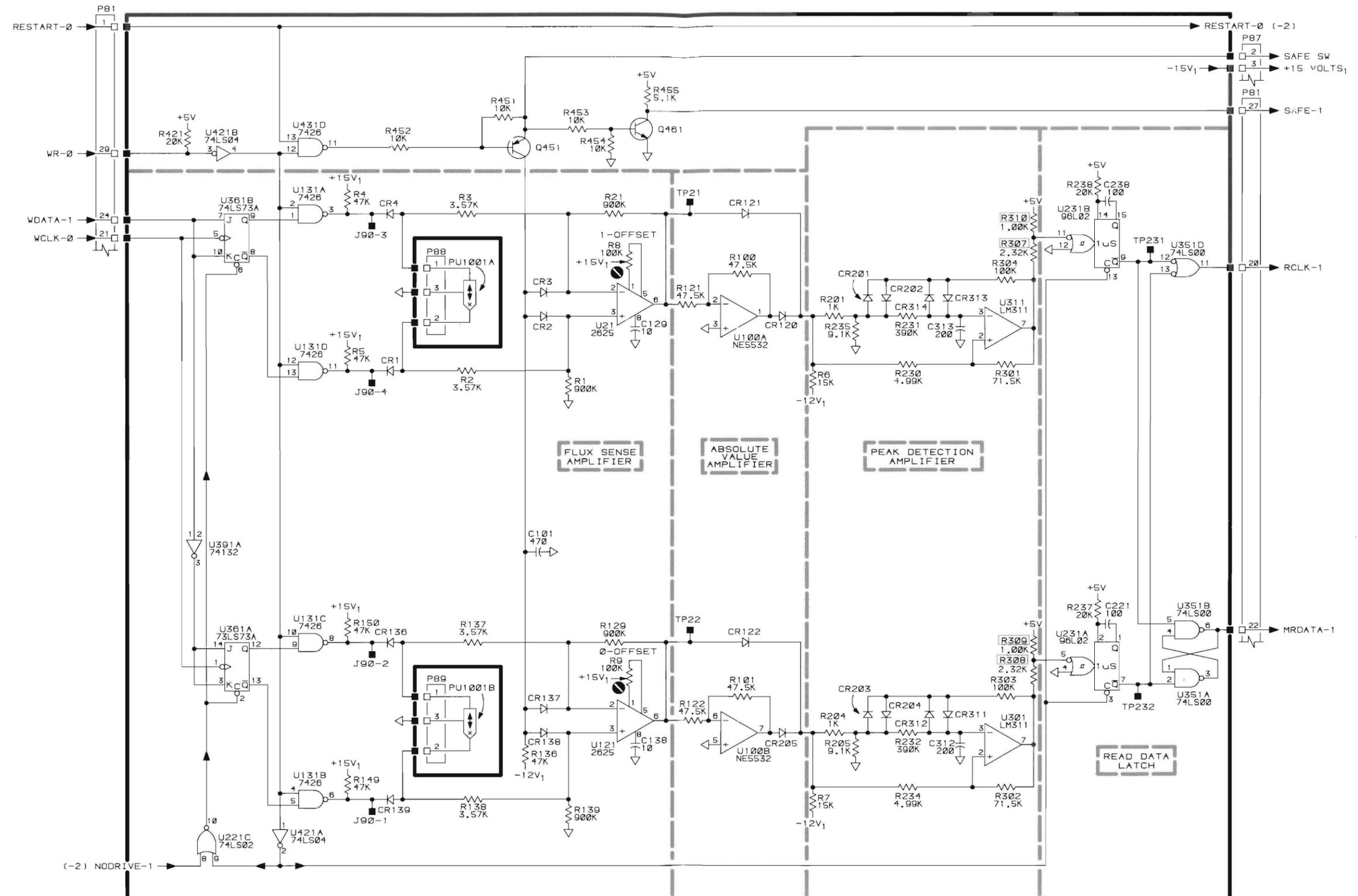
KEYBOARD

ASSEMBLY-SHEET:  
A15-1  
(1 OF 1)



2829-73

Tape Drive Board Component Locations (670-4003-02, 03).



INSTRUMENT:  
119-0708-03,04  
(FOR USE WITH 4054/4054A)

NOTES: SEE PARTS LIST FOR EARLIER  
VALUES AND SERIAL NUMBER  
RANGES OF PARTS OUTLINED  
OR DEPICTED IN GREY.

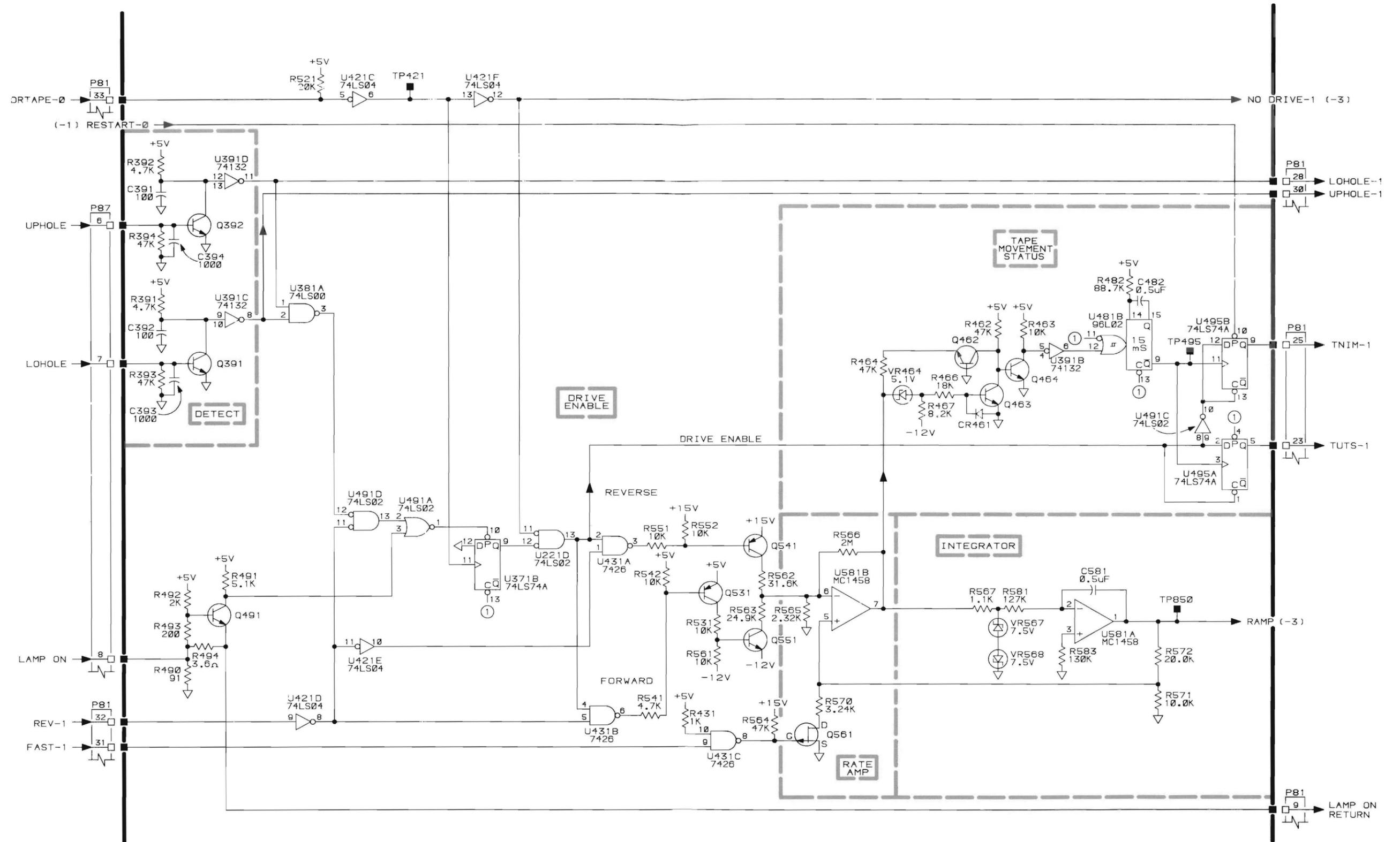
REV, JULY 1982  
2839-S47

BOARD: 670-4003-02,03 / 672-0545-02

TAPE DRIVE BOARD  
HEAD AMPLIFIER

ASSEMBLY-SHEET:  
A16A1-1  
(1 OF 3)

TAPE DRIVE BOARD  
670-4003-02,03  
A16A1-1



INSTRUMENT:  
119-0708-03,04  
(FOR USE WITH 4054/4054A)

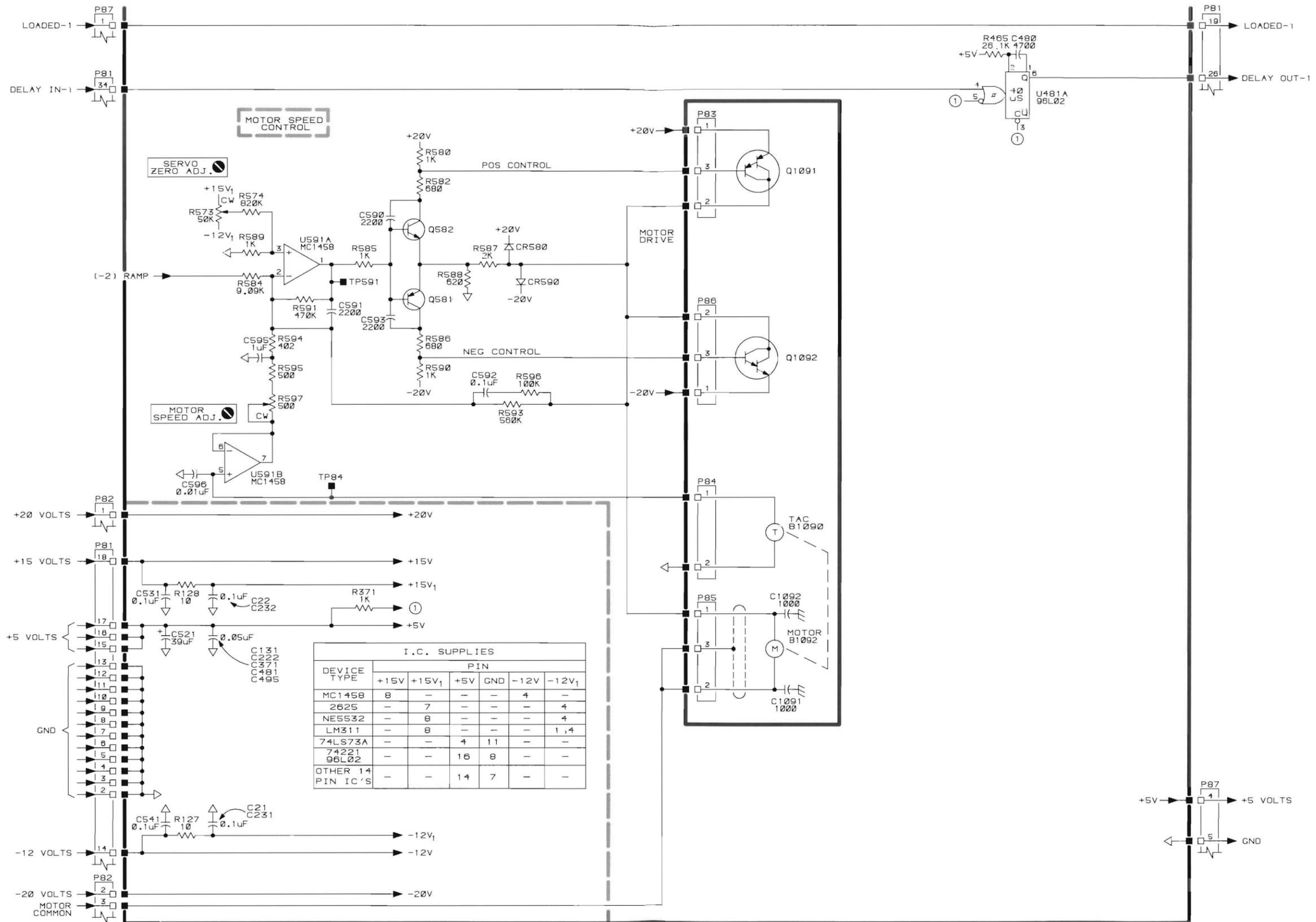
NOTES:

REV, JULY 1982  
2839-S48

BOARD: 670-4003-02,03 / 672-0545-02

TAPE DRIVE BOARD  
MOTOR CONTROL

ASSEMBLY-SHEET:  
A16A1-2  
(2 OF 3)



DEVICE TYPE	I.C. SUPPLIES					
	+15V	+15V <sub>1</sub>	+5V	GND	-12V	-12V <sub>1</sub>
MC1458	8	-	-	-	4	-
2625	-	7	-	-	-	4
NE5532	-	8	-	-	-	4
LM311	-	8	-	-	-	1,4
74LS73A	-	-	4	11	-	-
74221 96L02	-	-	16	8	-	-
OTHER 14 PIN IC'S	-	-	14	7	-	-

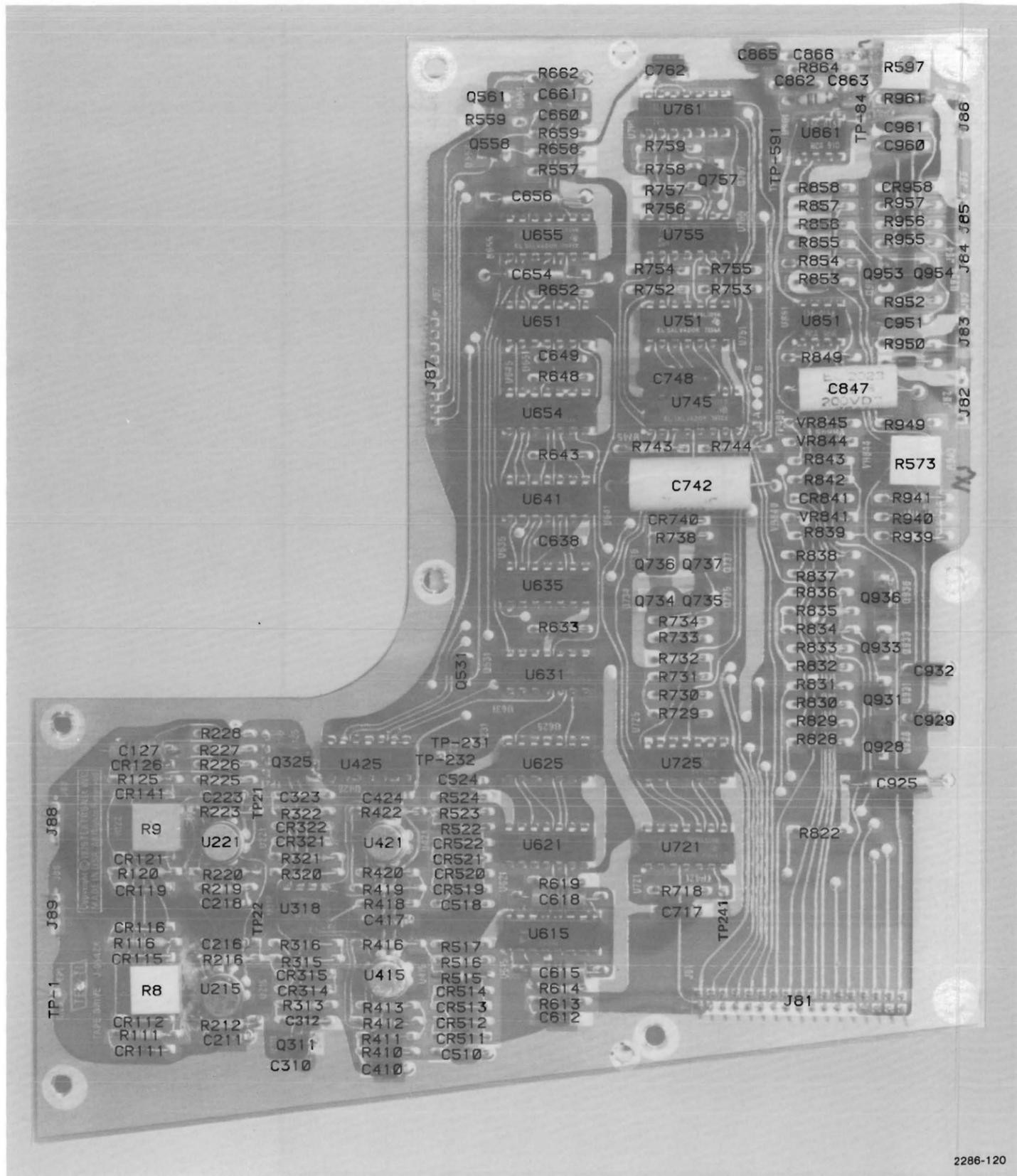
INSTRUMENT:  
119-0708-03,04  
(FOR USE WITH 4054/4054A)

NOTES:  
REV, JULY 1982  
2839-S49

BOARD: 670-4003-02,03 / 672-0545-02

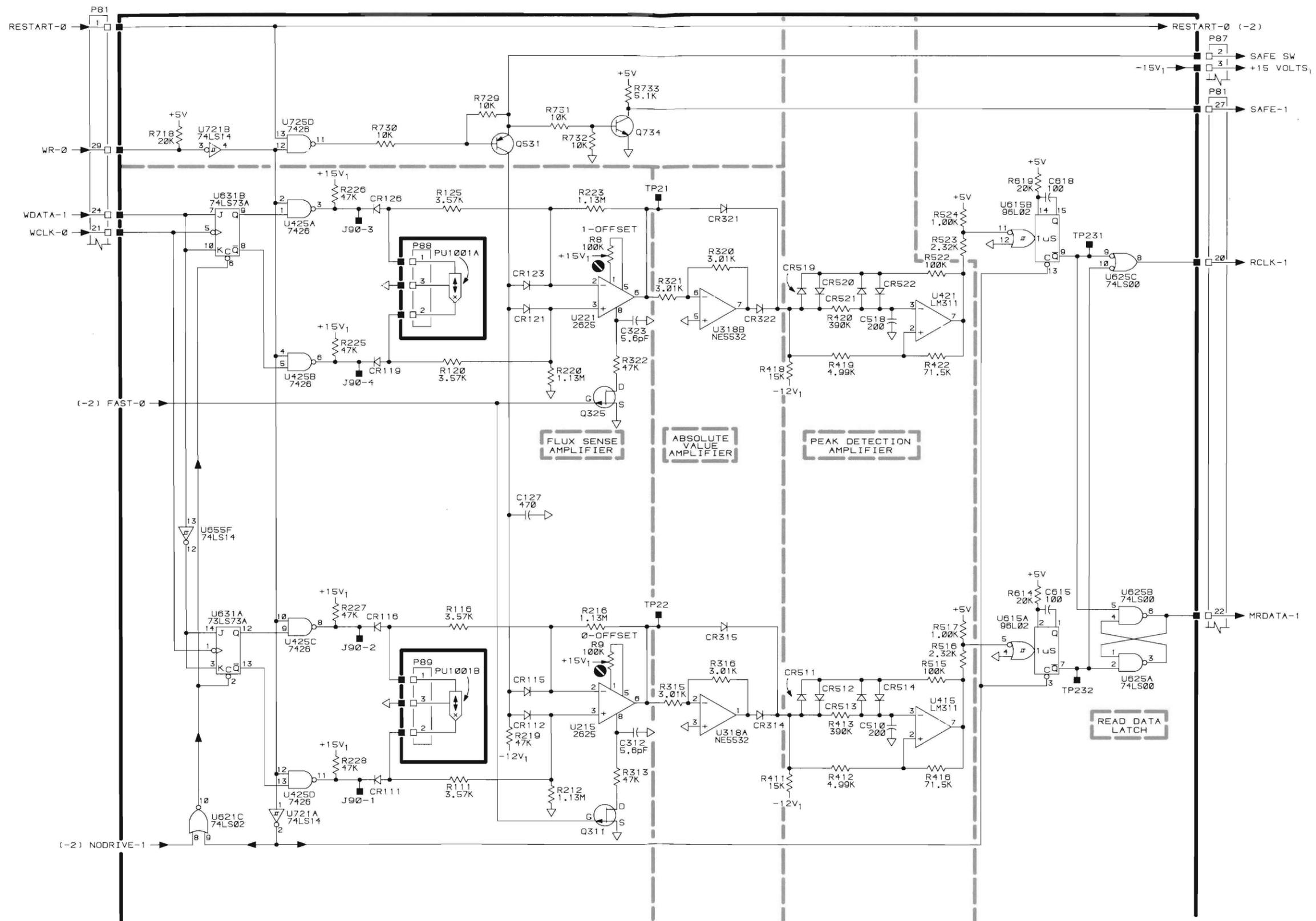
TAPE DRIVE BOARD  
MOTOR DRIVE

ASSEMBLY-SHEET:  
A16A1-3  
(3 OF 3)



2286-120

Tape Drive Board Component Locations (670-4003-04).



INSTRUMENT:  
119-0708-05  
(FOR USE WITH 4054/4054A)

NOTES:

REV, JULY 1982  
2839-S50

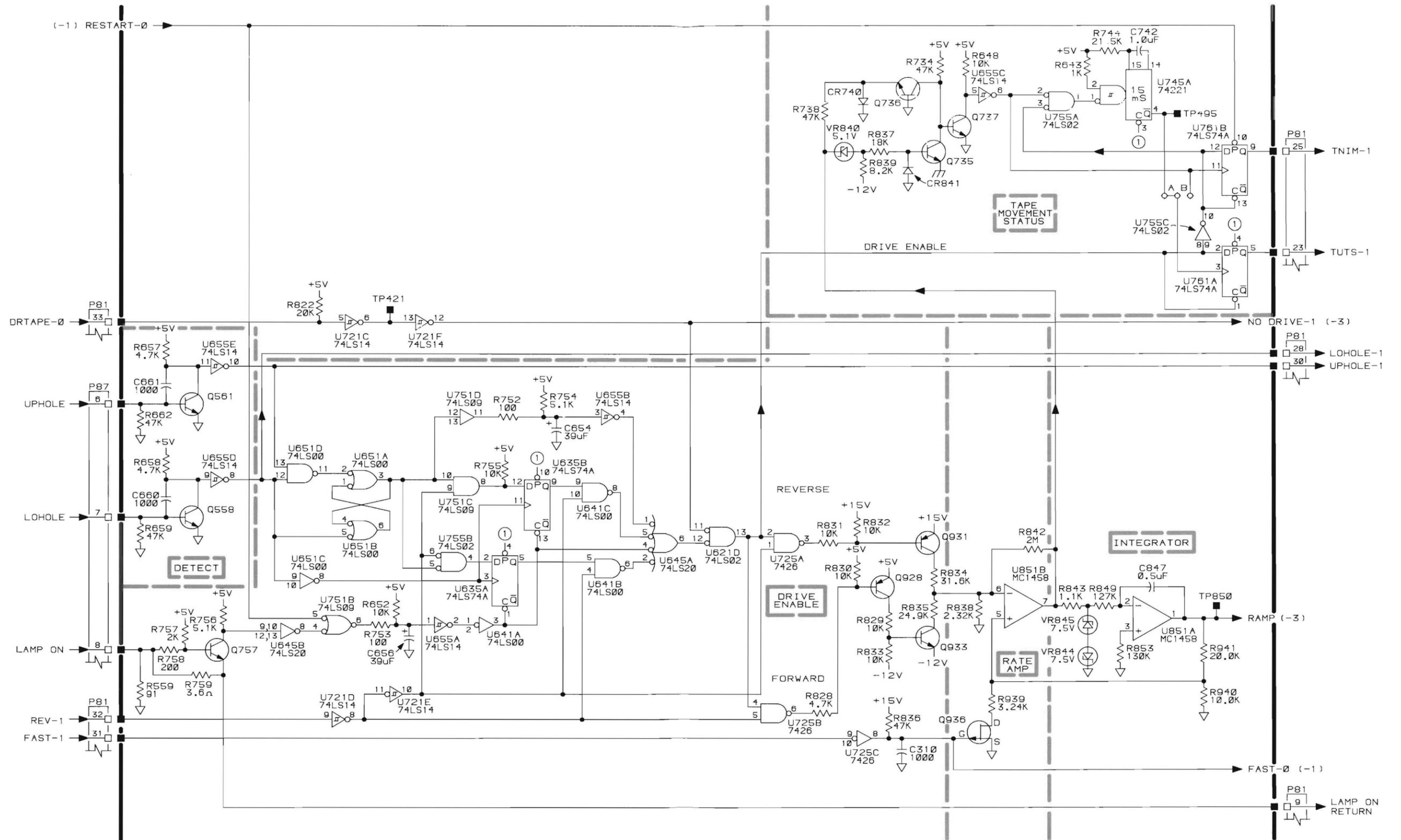
BOARD: 670-4003-04 & UP / 672-0545-02

TAPE DRIVE BOARD  
HEAD AMPLIFIER

ASSEMBLY-SHEET:

A16A1-1  
(1 OF 3)

TAP DRIVE BOARD  
670-4003-04  
A16A1-1



INSTRUMENT:  
119-0708-05  
(FOR USE WITH 4054/4054A)

NOTES:

REV, JULY 1982  
2839-SS1

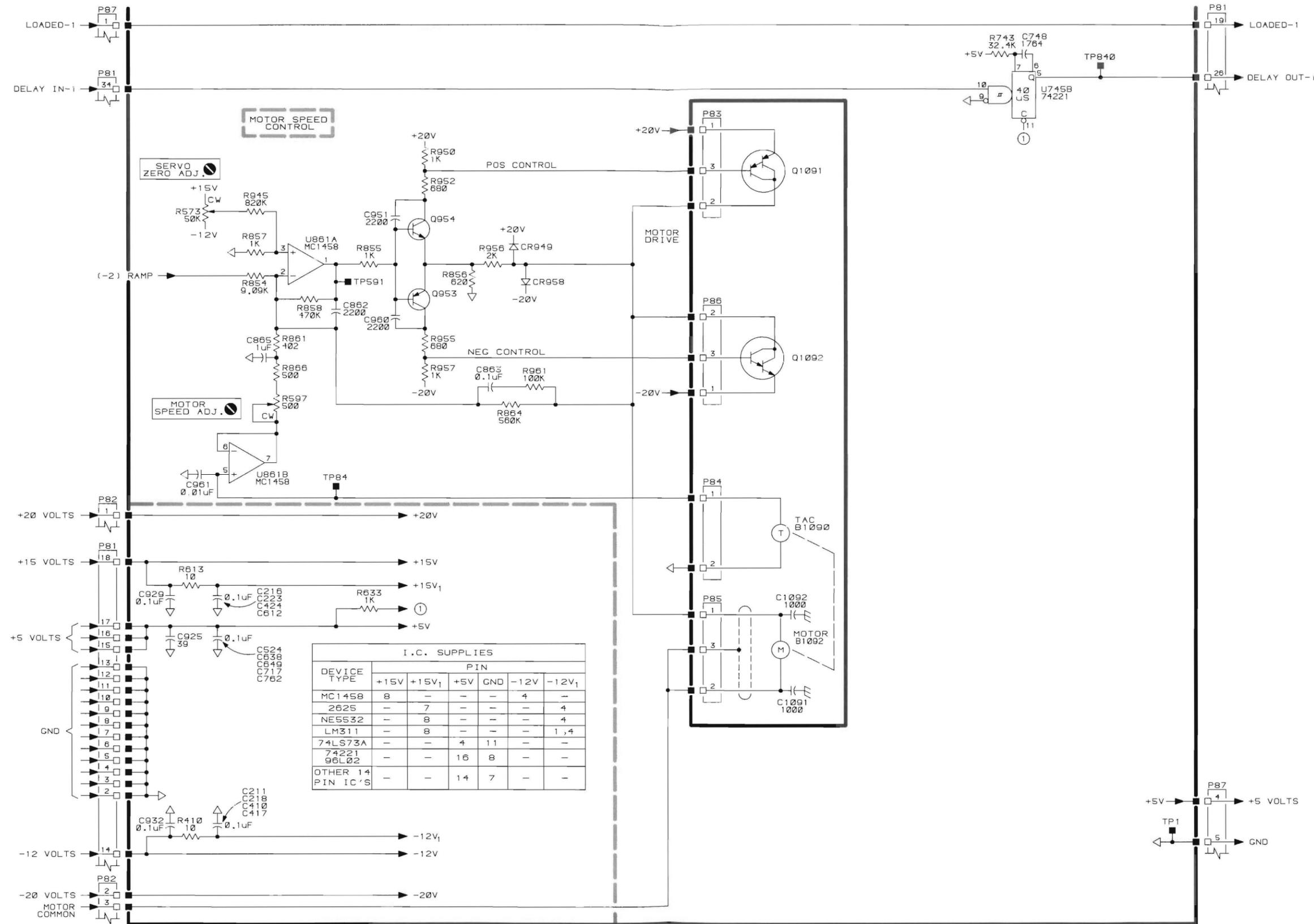
BOARD: 670-4003-04 & UP / 672-0545-02

TAPE DRIVE BOARD  
MOTOR CONTROL

ASSEMBLY-SHEET:  
A16A1-2  
(2 OF 3)

670-4003-04

A16A1-2



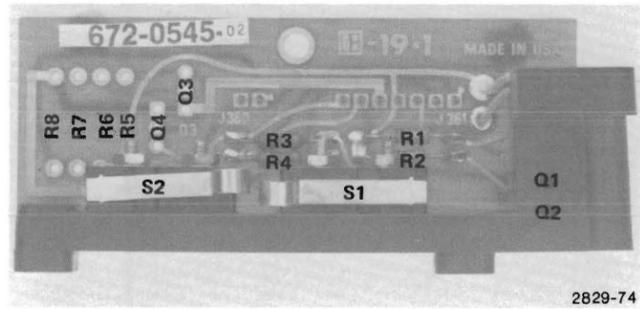
INSTRUMENT:  
119-0708-05  
(FOR USE WITH 4054/4054A)

NOTES:  
REV, JULY 1982  
2839-S52

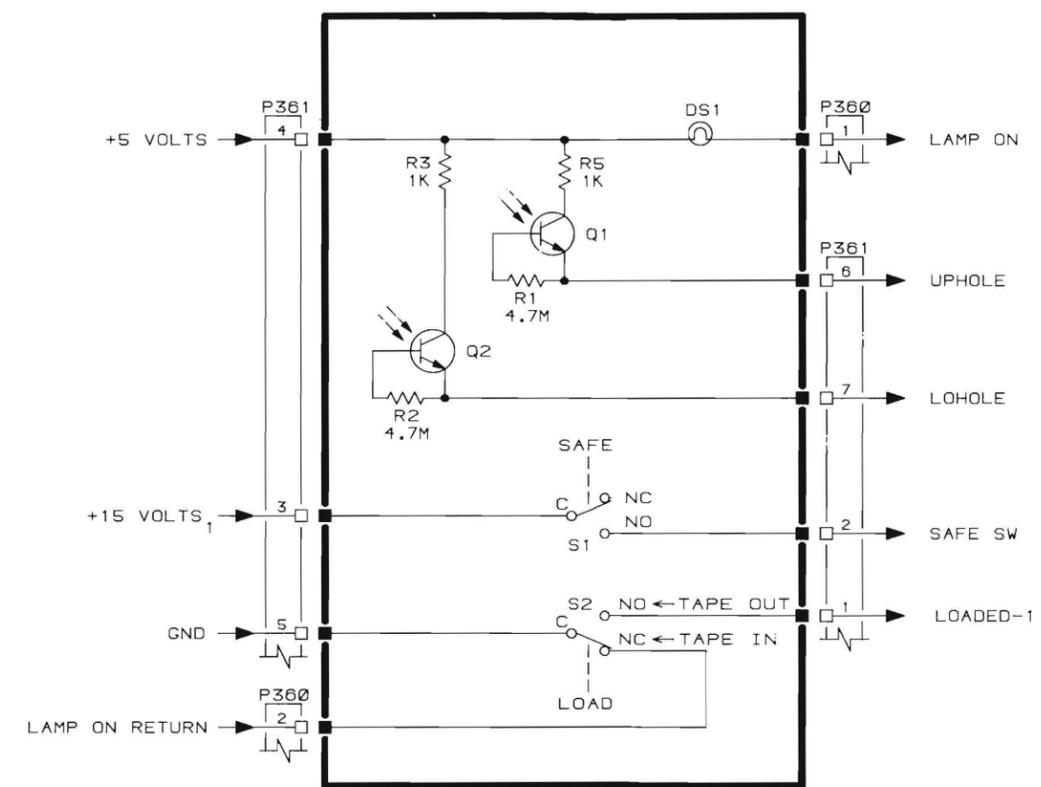
BOARD: 670-4003-04 & UP / 672-0545-02  
TAPE DRIVE BOARD  
MOTOR DRIVE

ASSEMBLY-SHEET  
A16A1-3  
(3 OF 3)

670-4003-04  
A16A1-3



**Tape Status Board Component Locations (672-0545-02).**



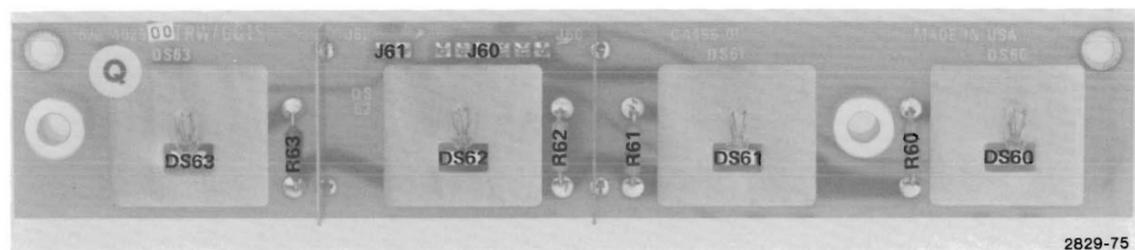
INSTRUMENT:  
4054/4054A

NOTES:

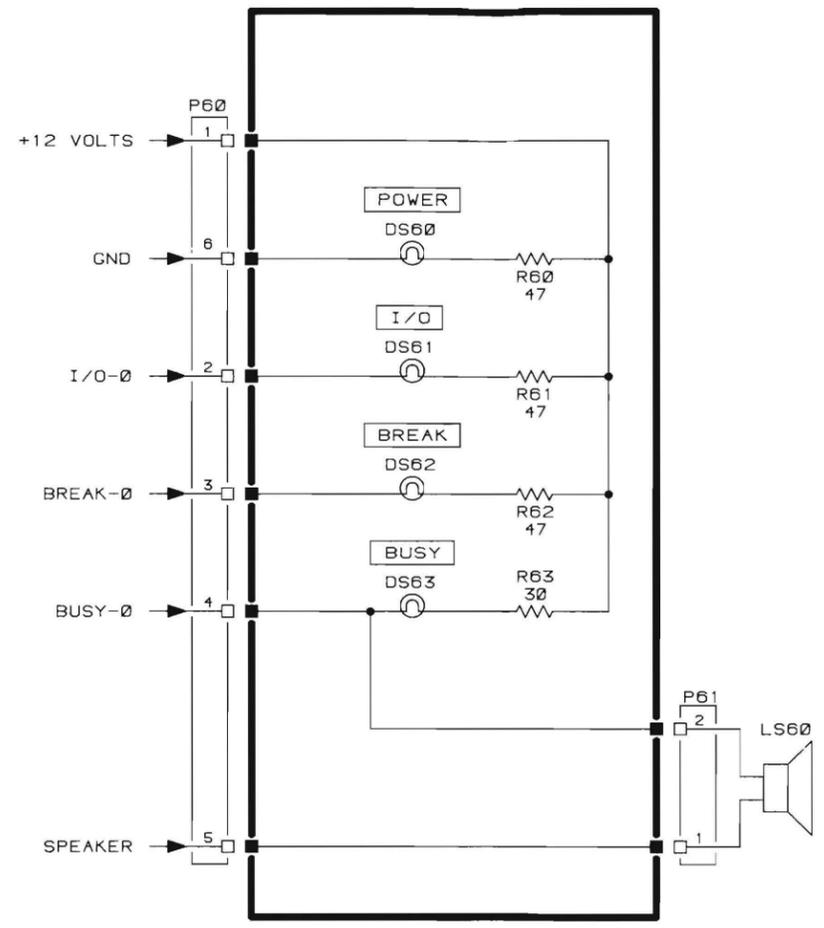
REV, JULY 1982  
2839-S53

BOARD: 670-3896-00, 672-0545-02  
TAPE STATUS BOARD

ASSEMBLY-SHEET:  
A16A2-1  
(1 OF 1)



Indicator Lights Board Component Locations (670-4029-00).



INSTRUMENT :  
4054/4054A

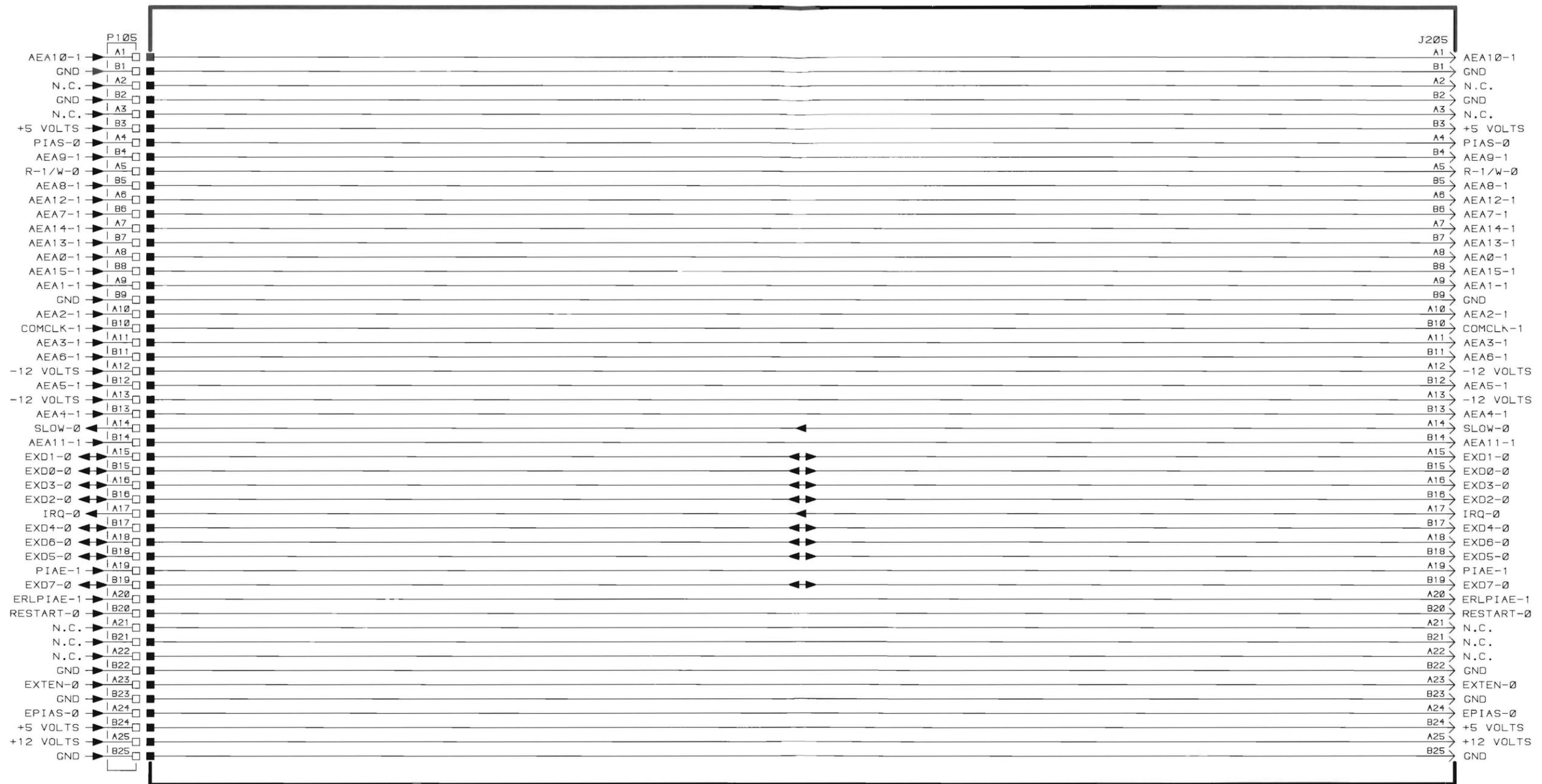
NOTES :

REV , JULY 1982  
2839-S54

BOARD : 670-4029-00

INDICATOR LIGHTS BOARD

ASSEMBLY-SHEET :  
A17-1  
(1 OF 1)



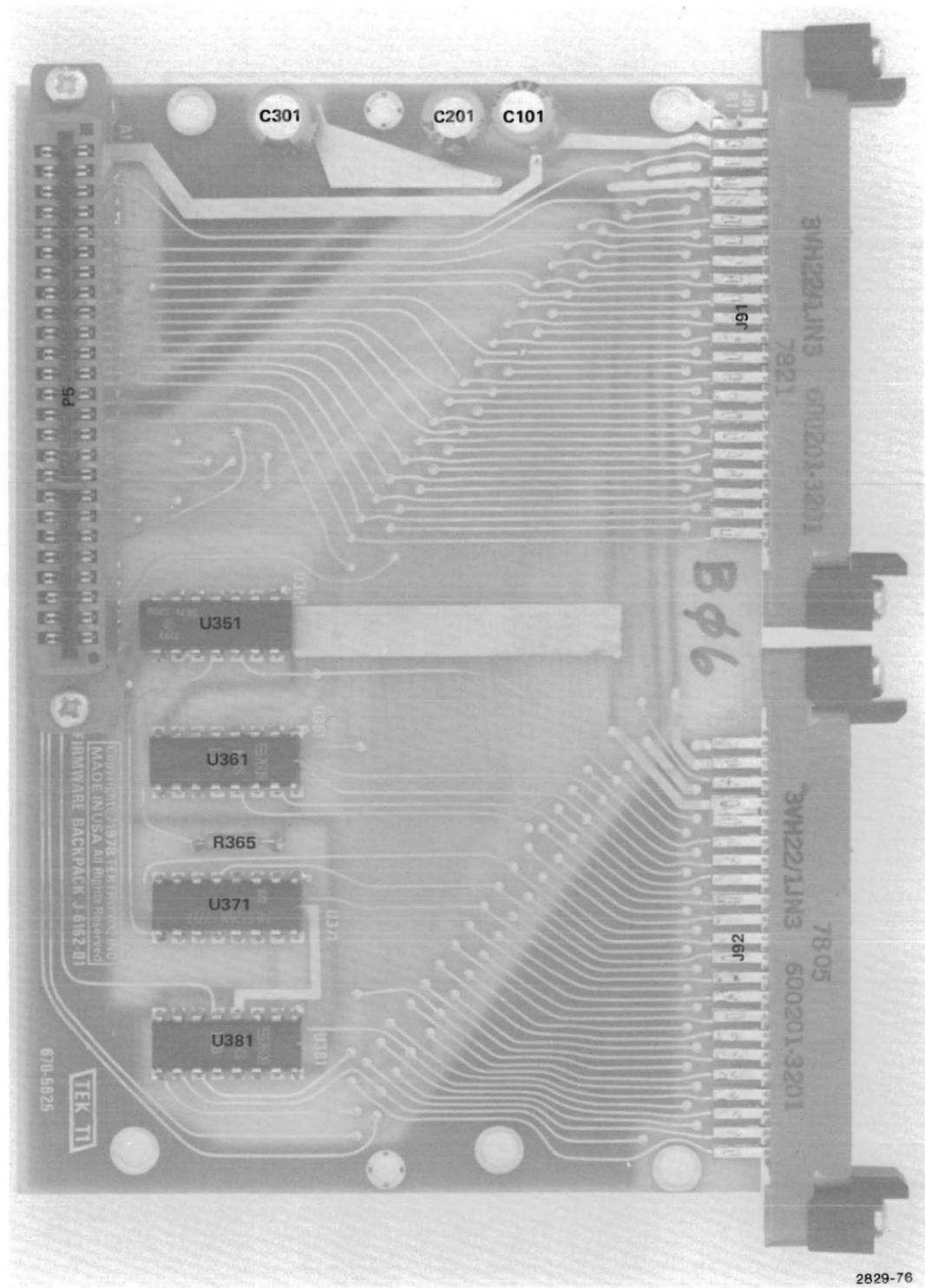
INSTRUMENT :  
4054/4054A

NOTES :

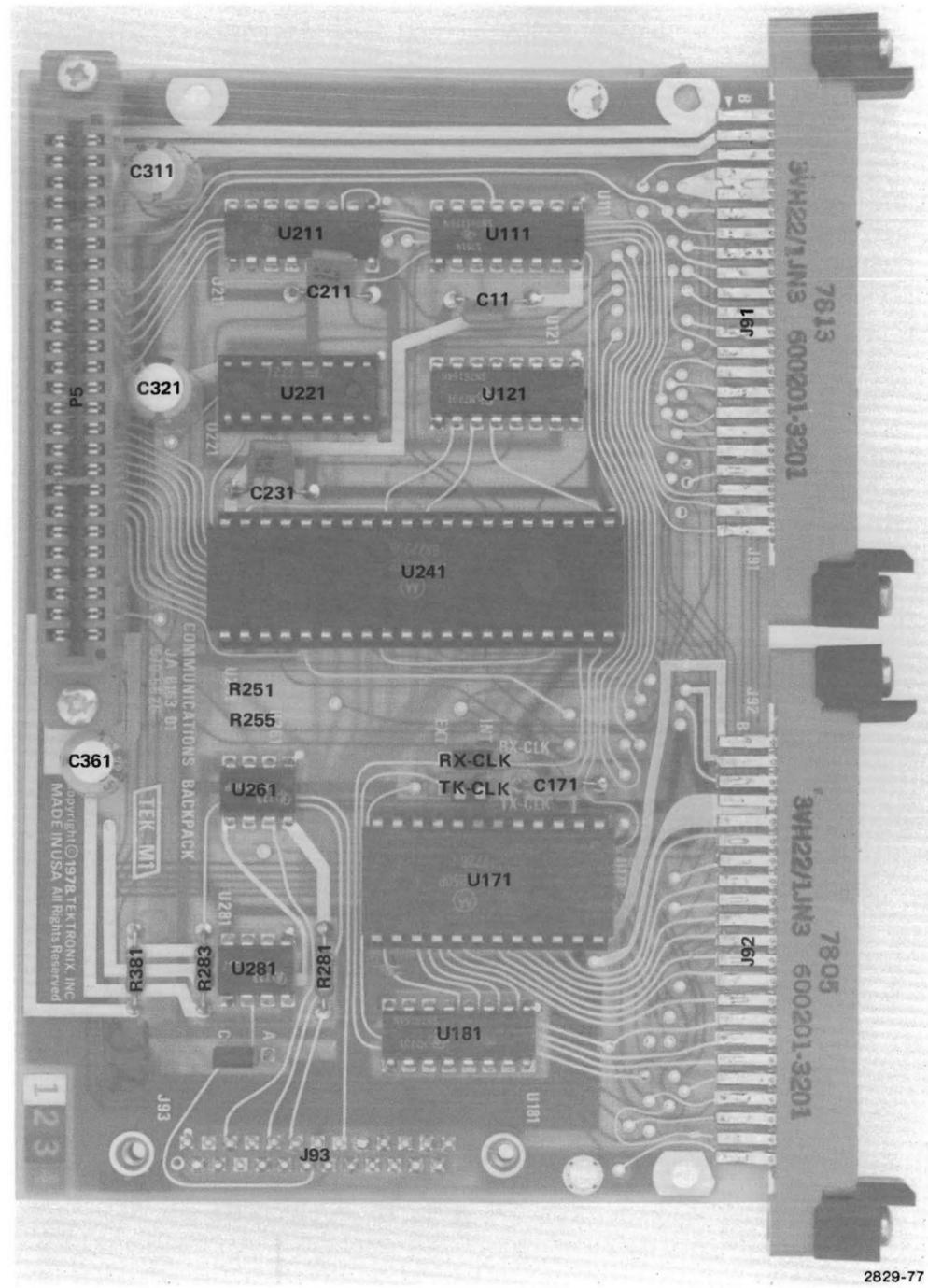
REV, JULY 1982  
2839-S55

BOARD: 670-6070-00  
BACKPACK INTERCONNECT BD.

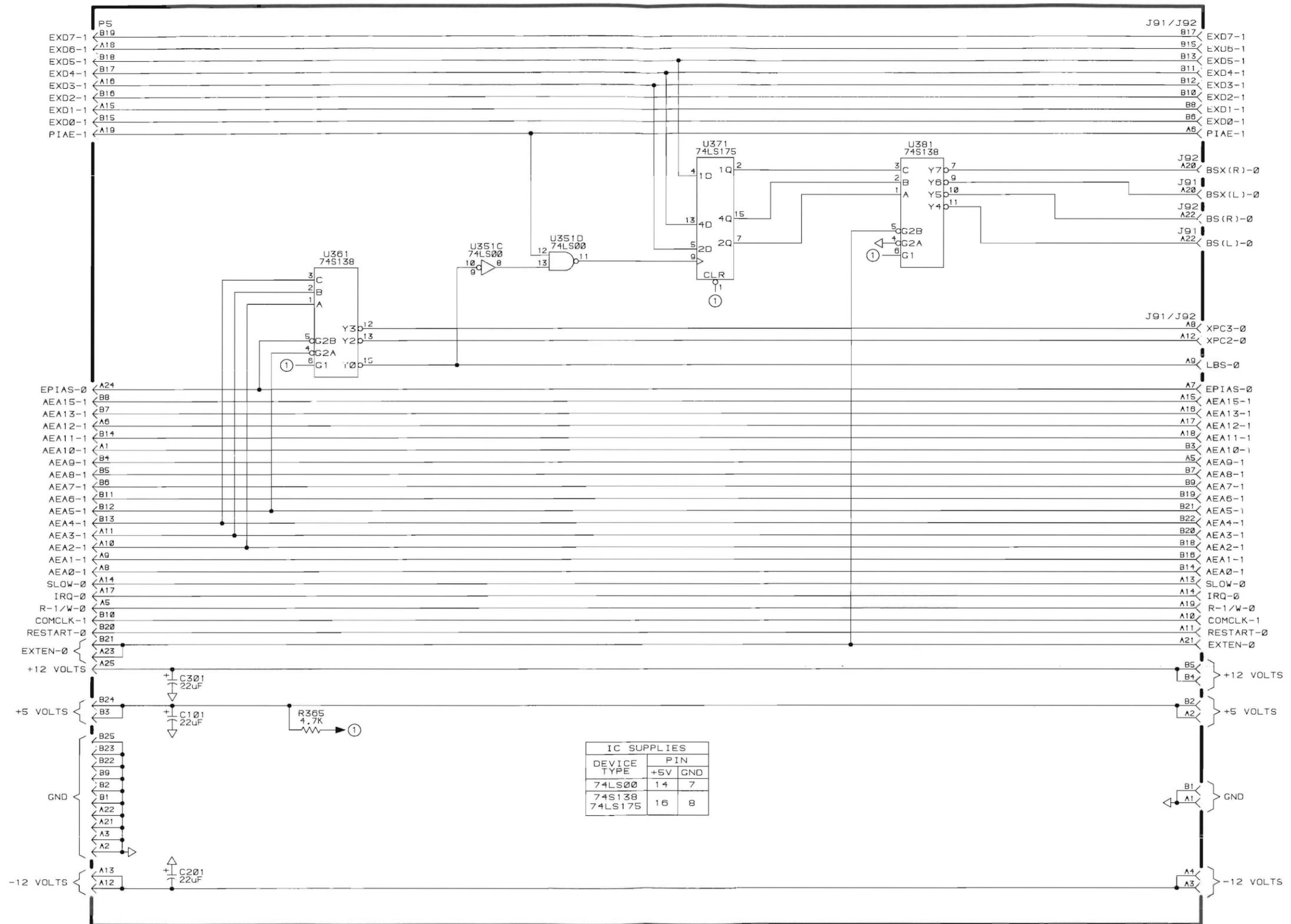
ASSEMBLY-SHEET :  
A18-1  
(1 OF 1)



Firmware Backpack Board Component Locations (670-5625-00).



Option 01 Communications Backpack Board Component Locations (670-5626-00, 01).



IC SUPPLIES		
DEVICE TYPE	+5V	GND
74LS00	14	7
74S138	16	8
74LS175	16	8

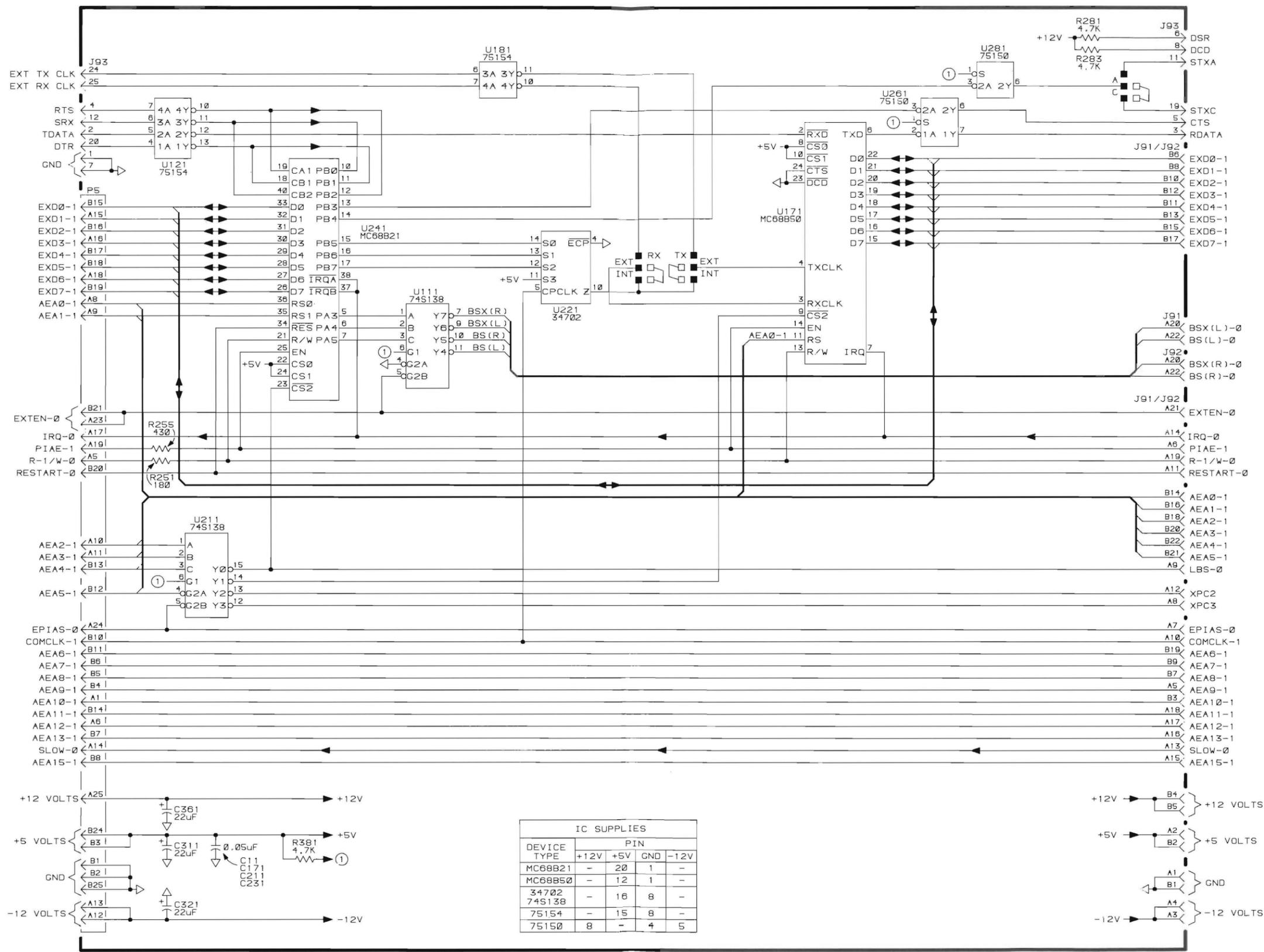
INSTRUMENT:  
4054/4054A

NOTES: KEY LOCATED BETWEEN A15/B15 & A16/B16 ON J5.

REV, JULY 1982  
2839-S56

BOARD: 670-5625-00  
FIRMWARE BACKPACK BOARD

ASSEMBLY-SHEET:  
A19-1  
(1 OF 1)



INSTRUMENT:  
4054/4054A  
OPT. 1

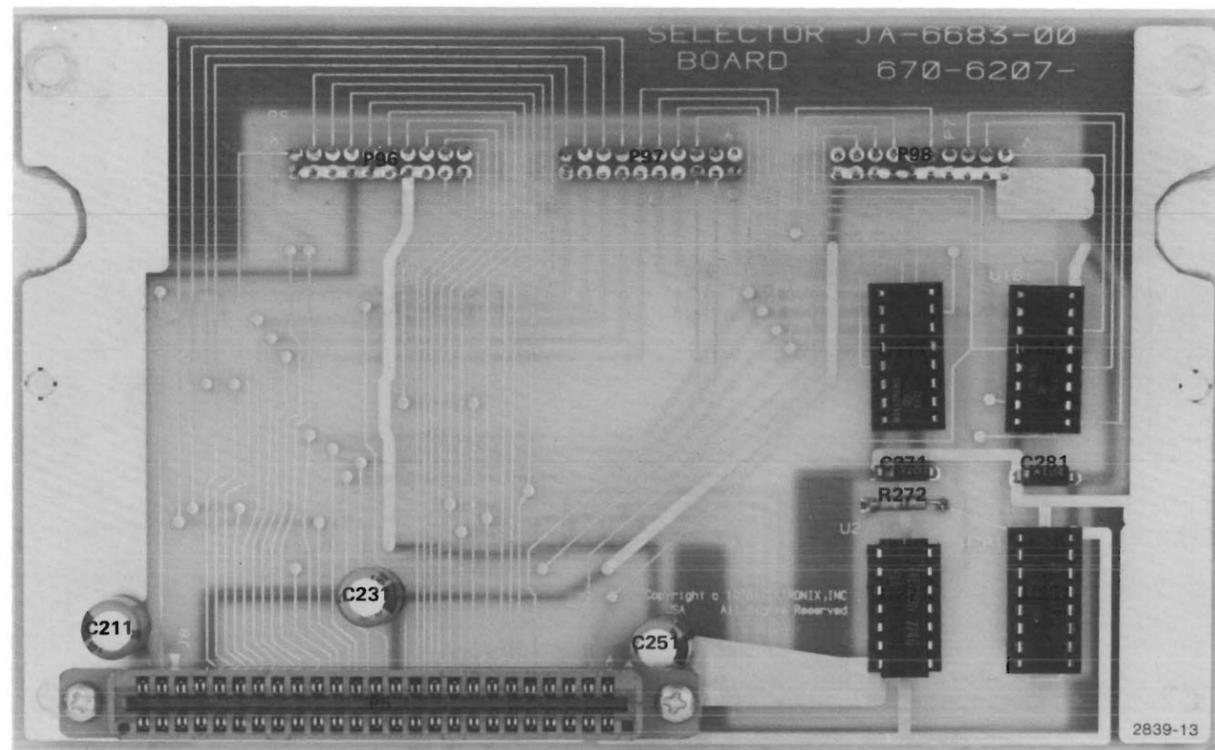
NOTES: KEY LOCATED BETWEEN A15/B15 & A16/B16 ON J5

REV, JULY 1982  
2839-S57

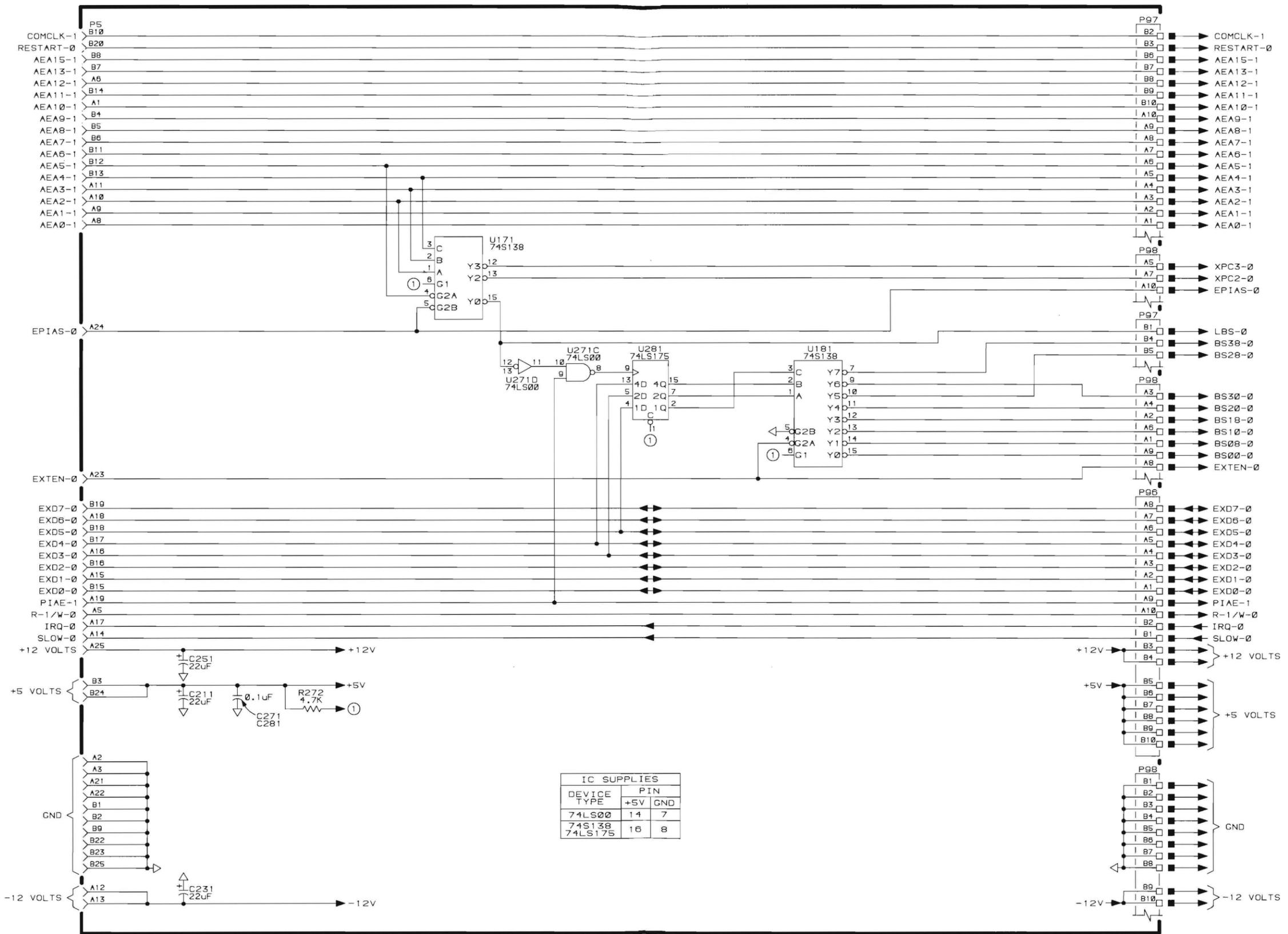
BOARD: 670-5626-00,01  
COMMUNICATION BACKPACK

ASSEMBLY-SHEET:  
A20-1  
(1 OF 1)

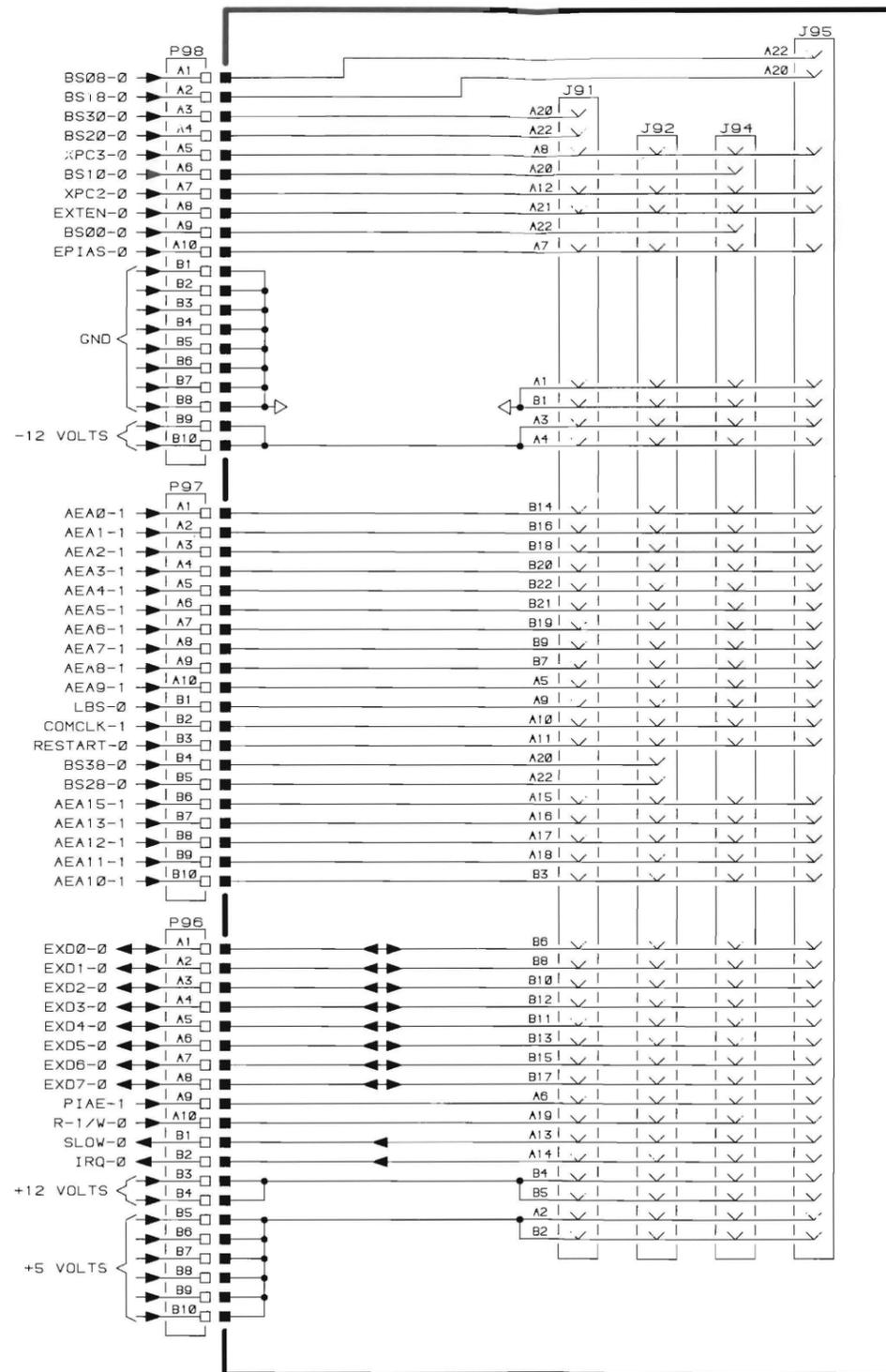
COMMUNICATIONS A20-1  
 BACKPACK  
 670-5626-00,01



Option 02 Selector Board Component Locations (670-6207-00).



IC SUPPLIES		
DEVICE TYPE	PIN	
	+5V	GND
74LS00	14	7
74S138	16	8
74LS175	16	8



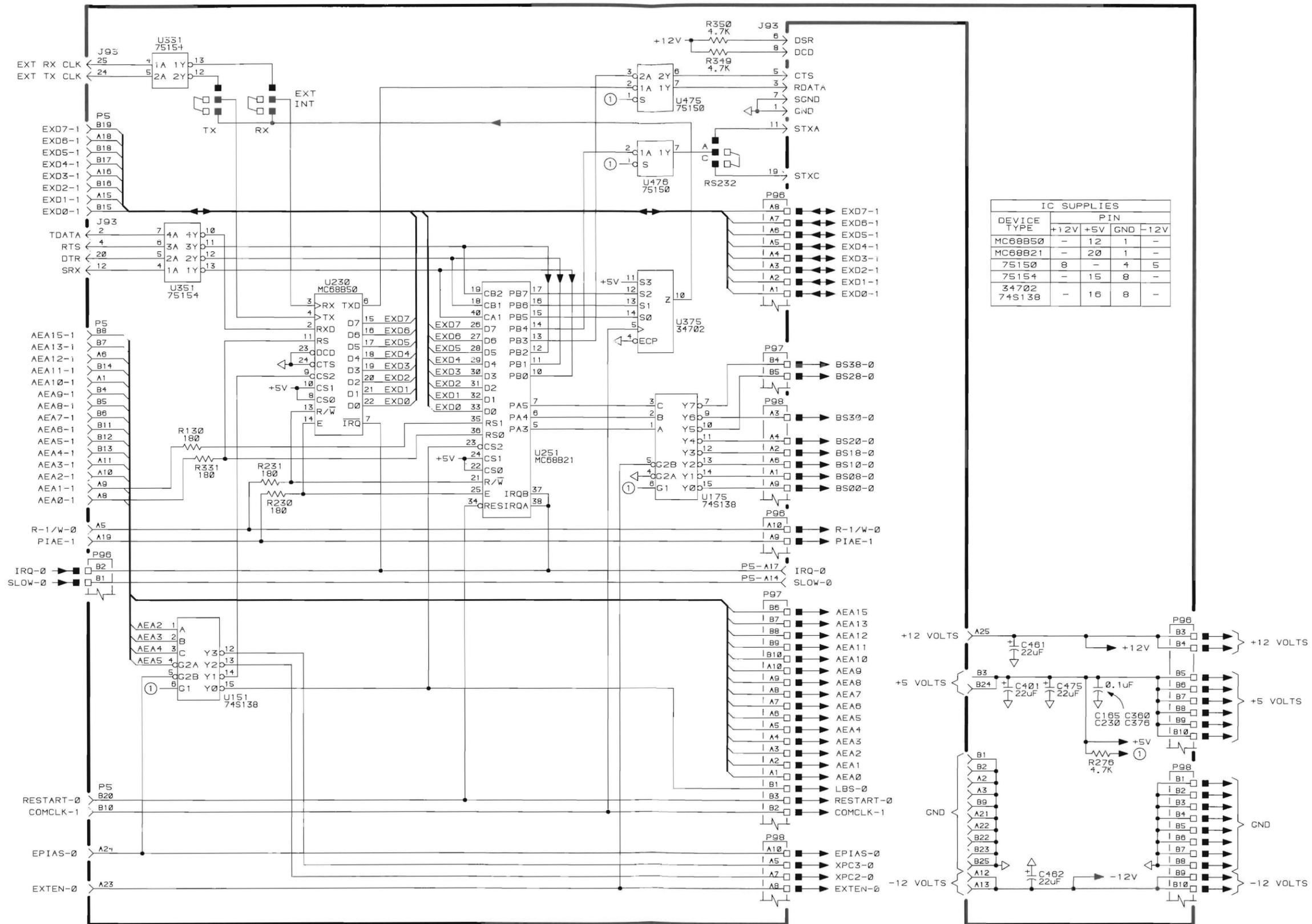
INSTRUMENT:  
4054/4054A  
OPT. 2 & 3

NOTES: KEYS ARE LOCATED BETWEEN A6/B5 & A7/B7 OF J91, J92, J94, & J95  
REV, JULY 1982  
2839-559

BOARD: 670-6206-00

CONNECTOR BOARD

ASSEMBLY-SHEET:  
A22-1  
(1 OF 1)



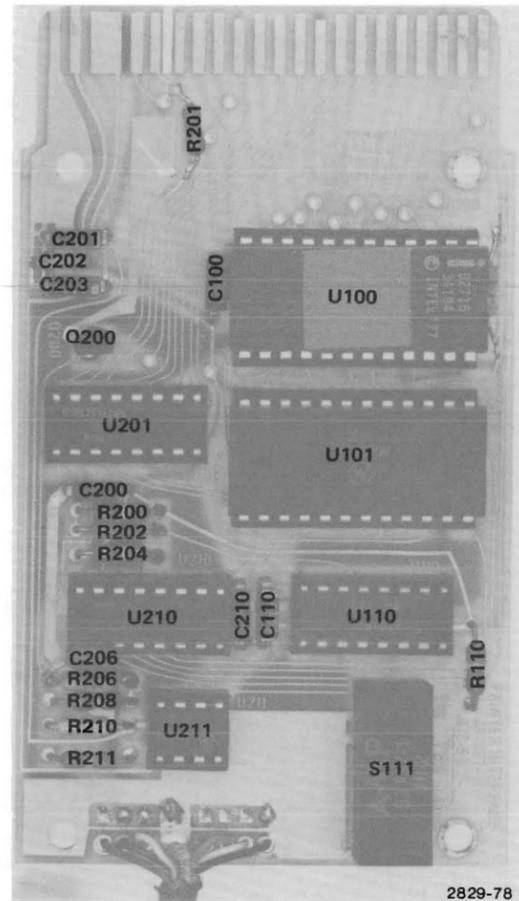
INSTRUMENT:  
4054/4054A  
OPT. 3

NOTES: KEY LOCATED BETWEEN A15/B15 & A16/B16 OF P5.

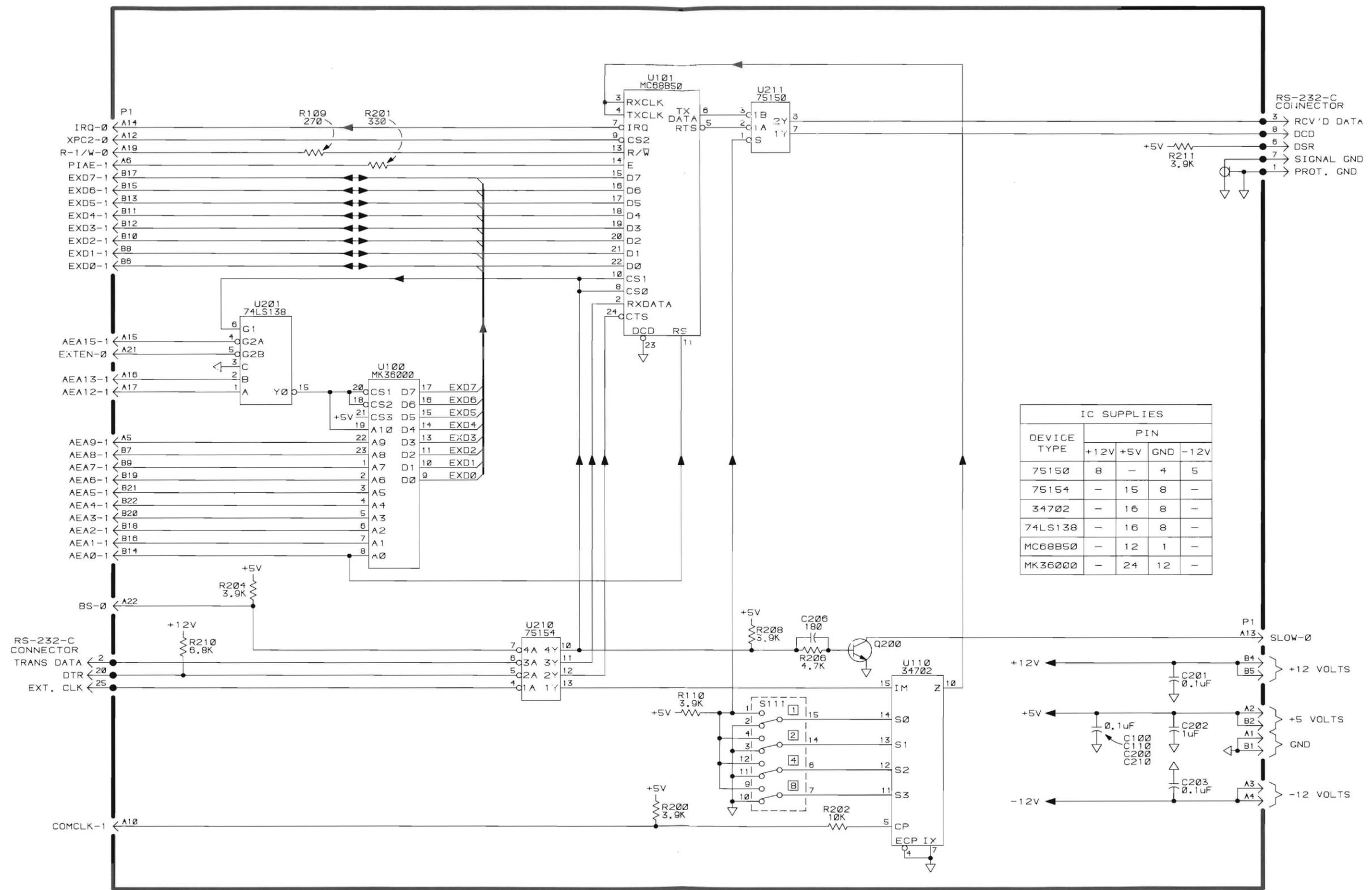
REV, JULY 1982  
2839-S60

BOARD: 670-6208-00  
COMMUNICATION BOARD

ASSEMBLY-SHEET:  
A23-1  
(1 OF 1)



Option 10 Printer Interface Board Component Locations (670-5636-00 Thru 03).



DEVICE TYPE	PIN			
	+12V	+5V	GND	-12V
75150	8	-	4	5
75154	-	15	8	-
34702	-	16	8	-
74LS138	-	16	8	-
MC68850	-	12	1	-
MK36000	-	24	12	-

INSTRUMENT:  
4054/4054A  
OPT. 10

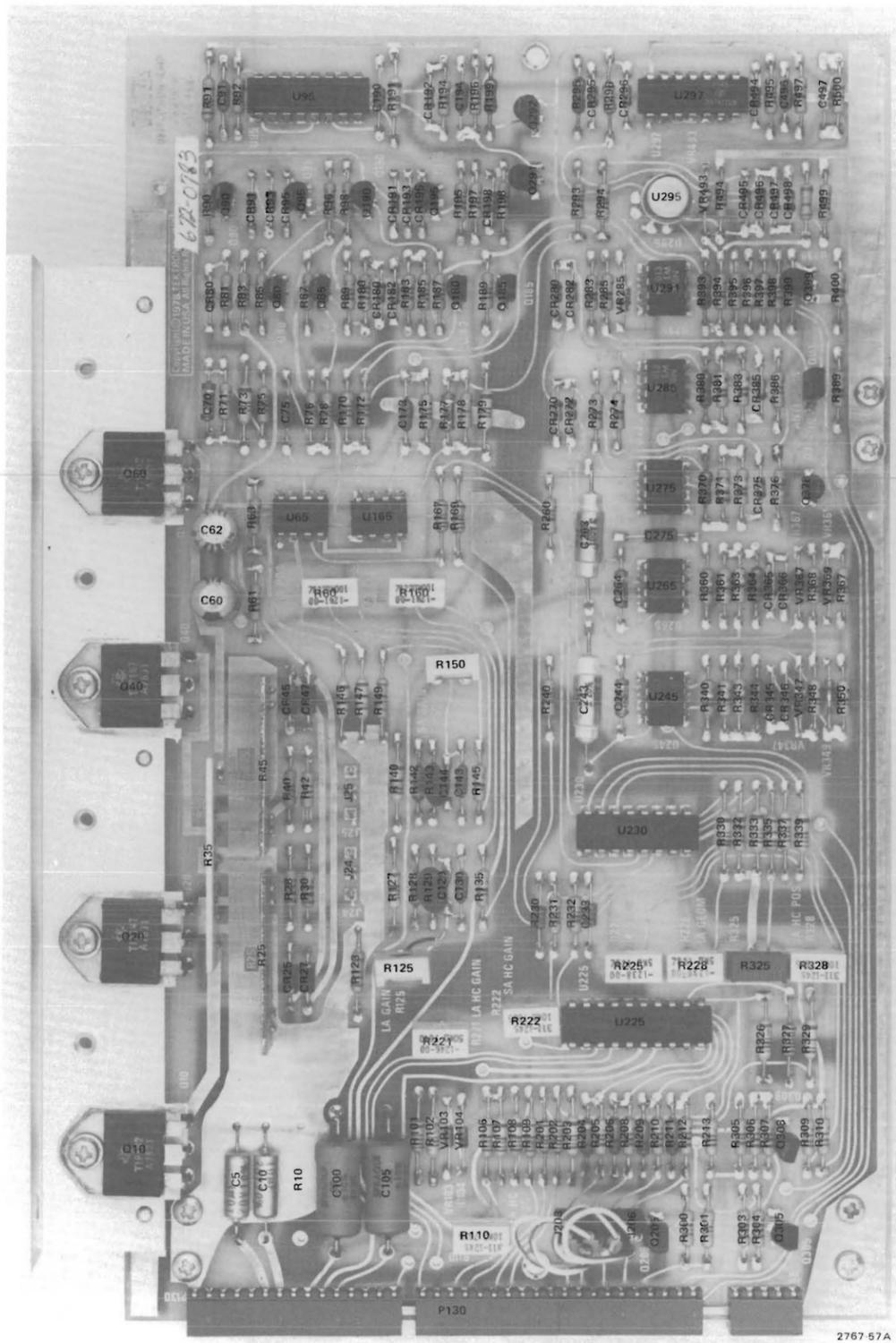
NOTES:

REV, JULY 1982  
2839-S61

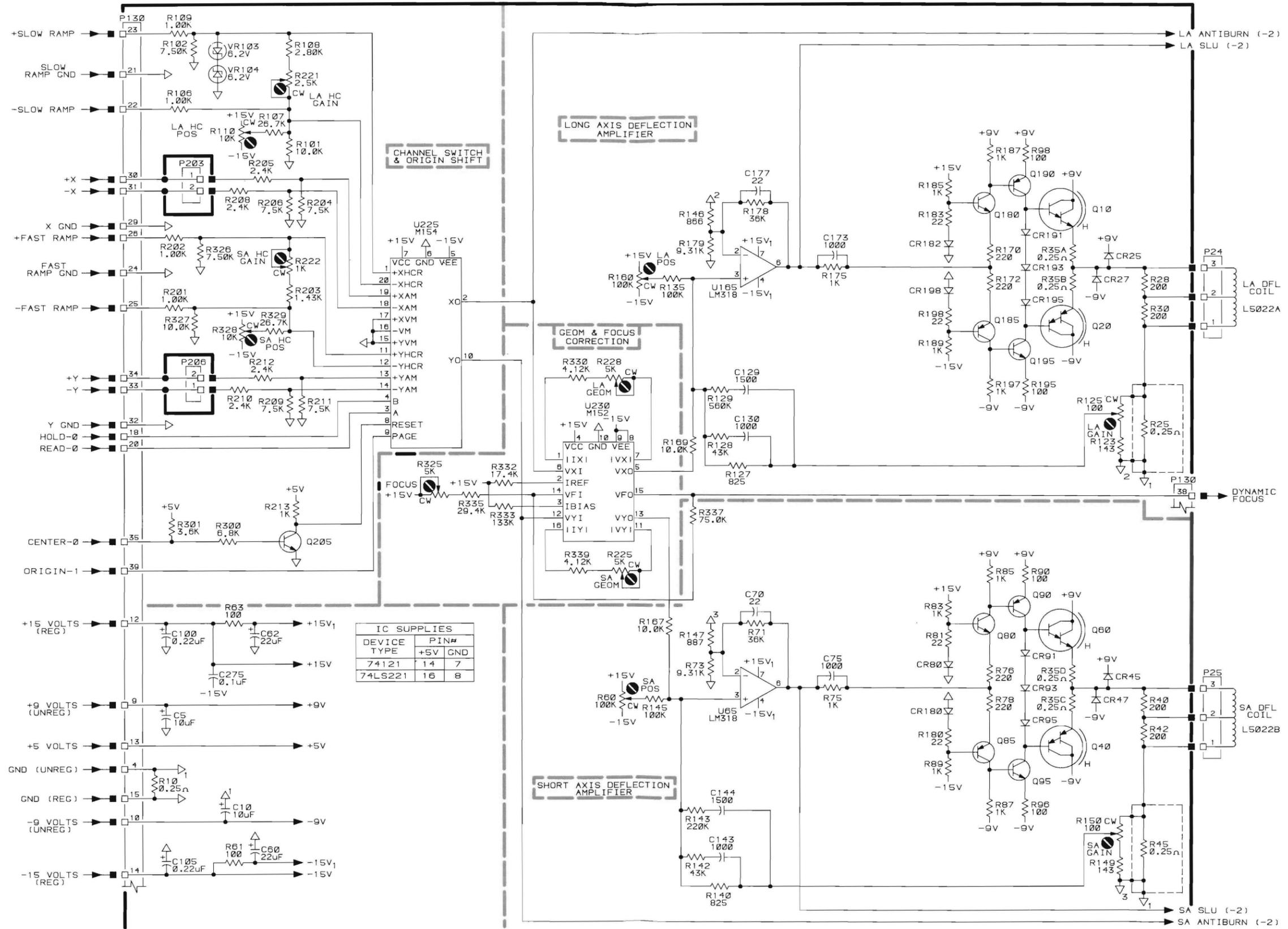
BOARD: 670-5636-03

PRINTER INTERFACE BD.

ASSEMBLY-SHEET:  
A24-1  
(1 OF 1)



Option 31 Deflection Amplifier Component Locations (670-7457-00).



INSTRUMENT:  
4054/4054A  
OPT. 31

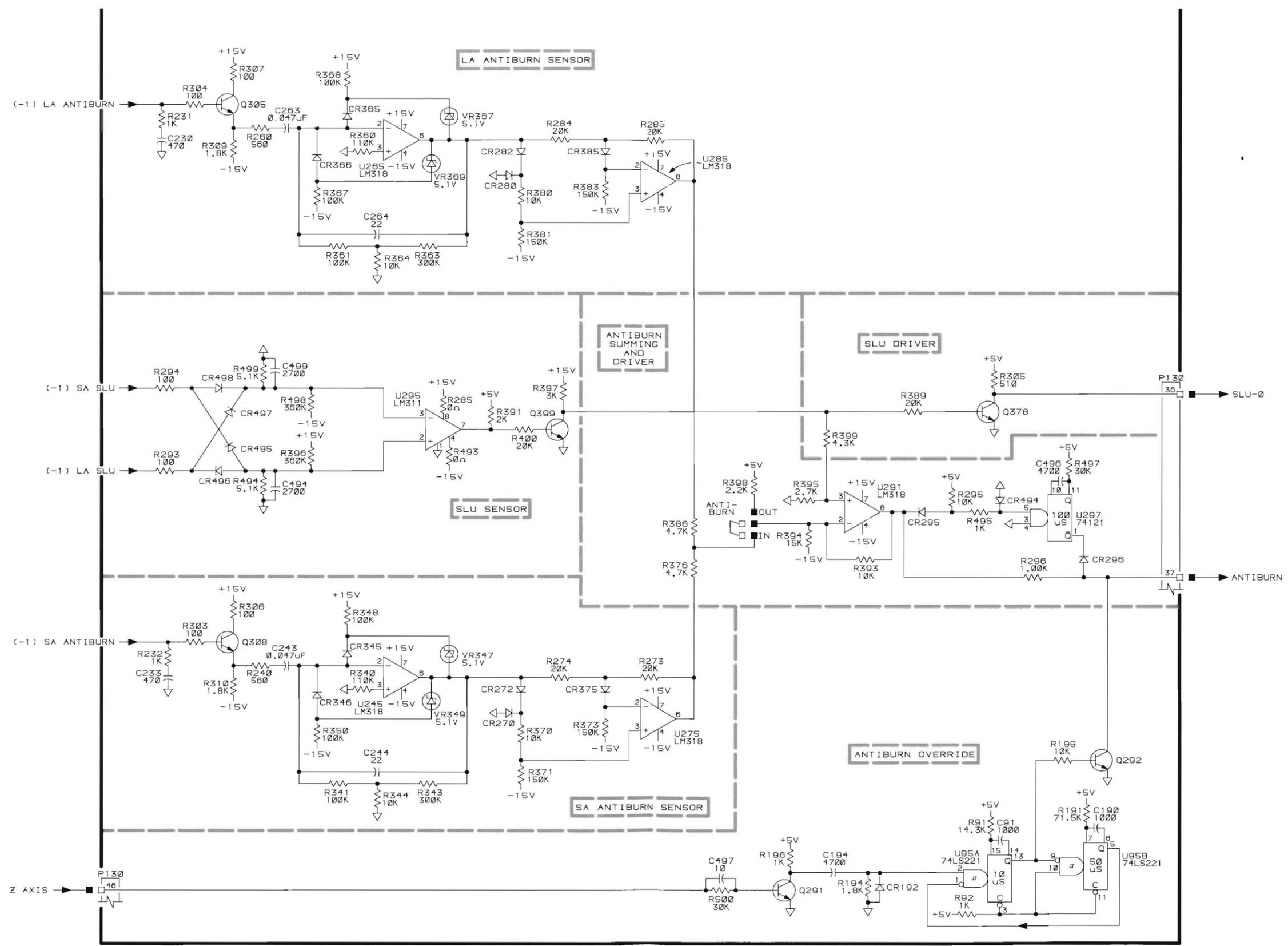
NOTES:

2839-S64

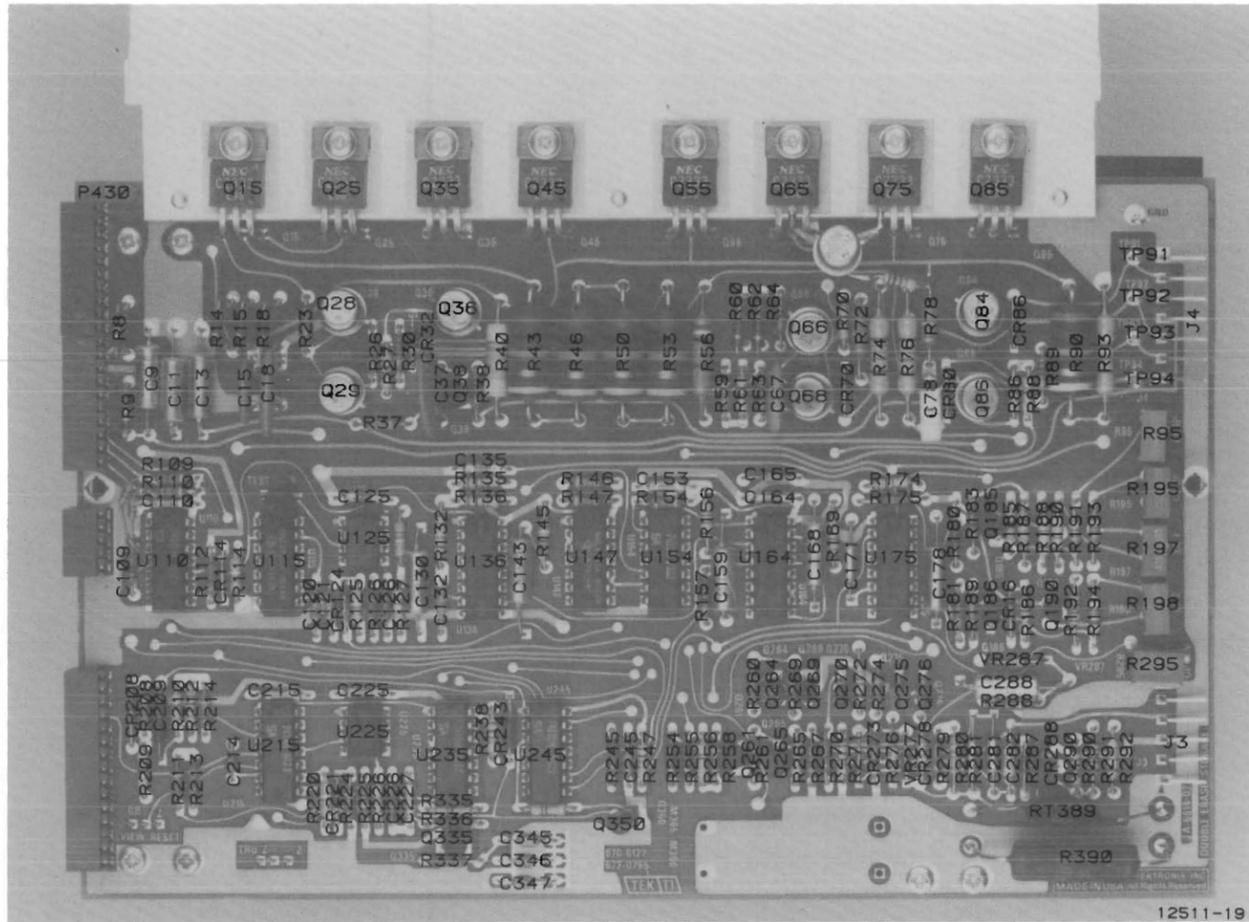
BOARD: 672-1025-00, 670-7454-00  
DEFLECTION AMPLIFIER BD.

ASSEMBLY-SHEET:  
A11-1  
(1 OF 2)

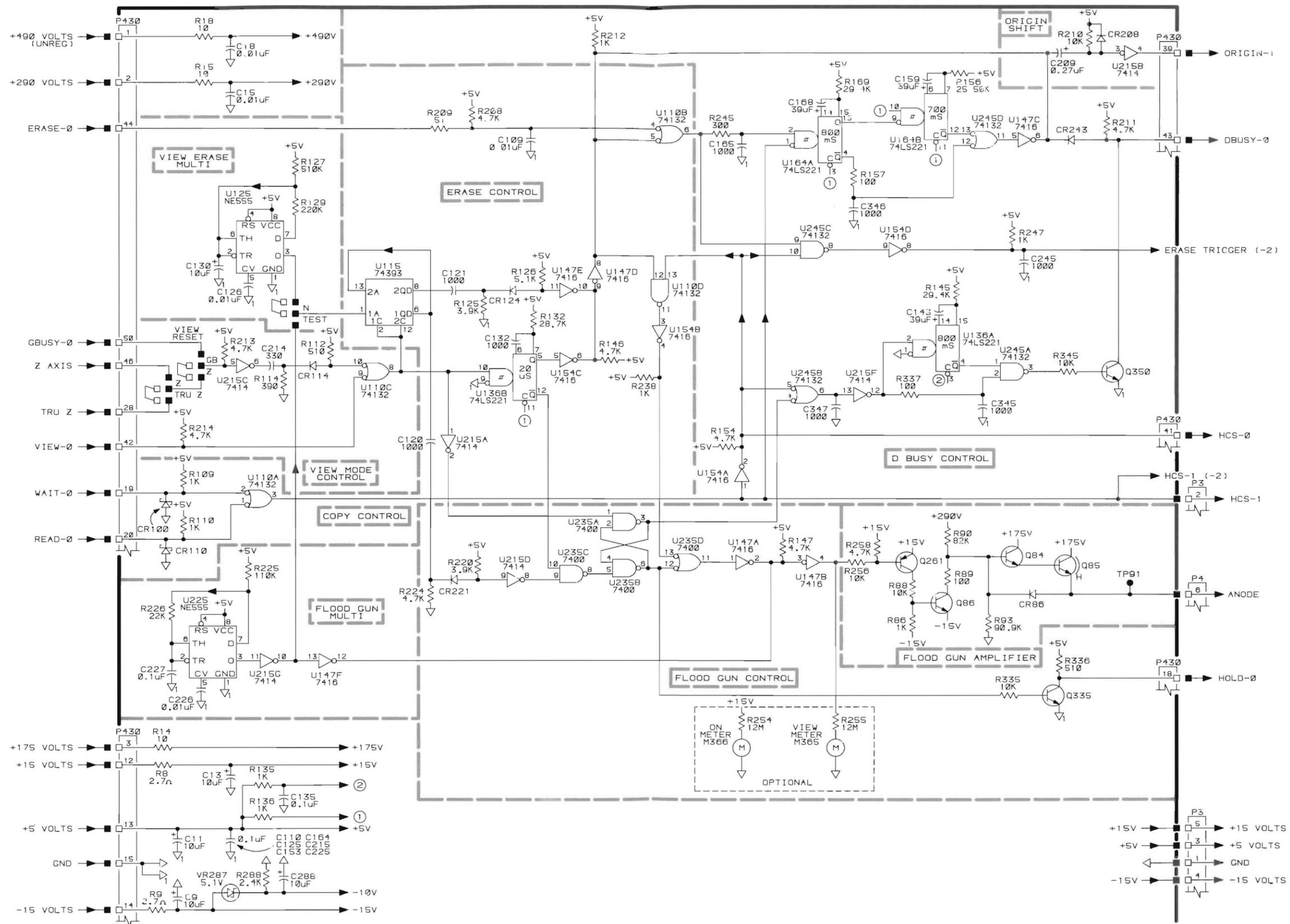
ION AMP A11-1



670-7454-00  
A11-2



Option 31 Double Erase Storage Component Locations (670-7454-00).

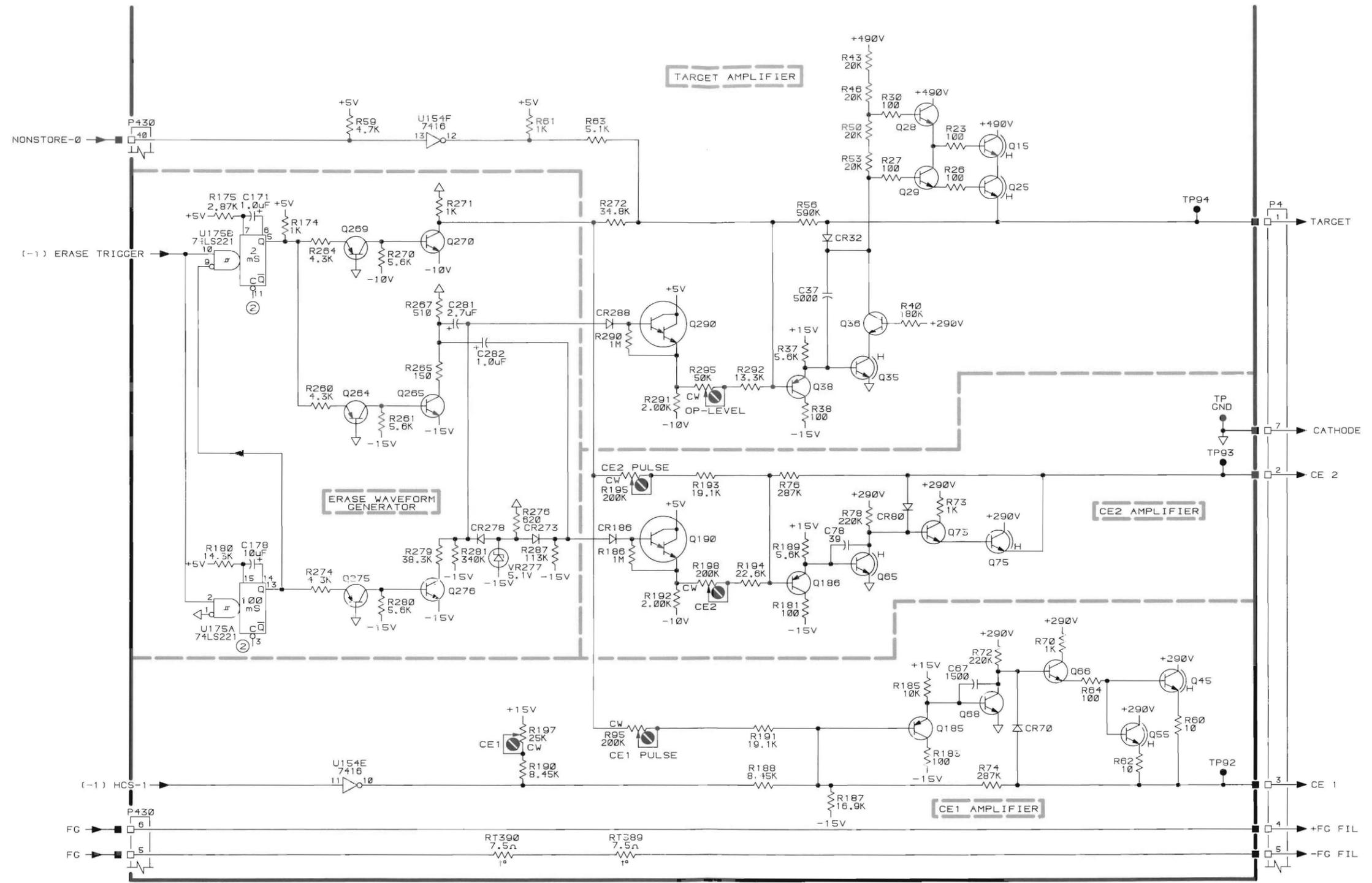


INSTRUMENT:  
4054/4054A  
OPT. 31

NOTES:  
  
2839-S66

BOARD: 672-0795-06, 670-6127-06  
DOUBLE ERASE STORAGE BD.

ASSEMBLY-SHEET:  
A12-1  
(1 OF 2)

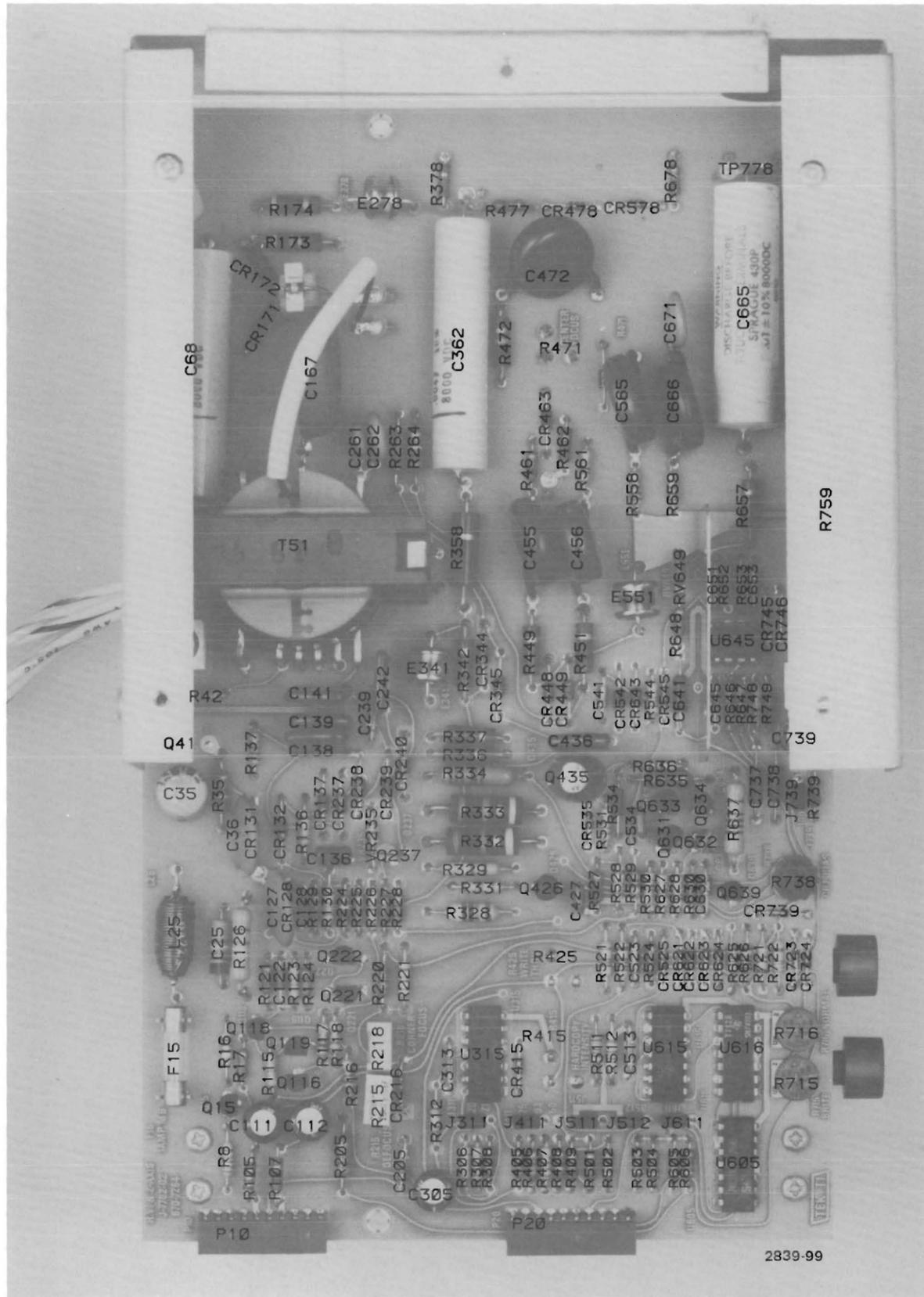


INSTRUMENT:  
4054/4054A  
OPT. 31

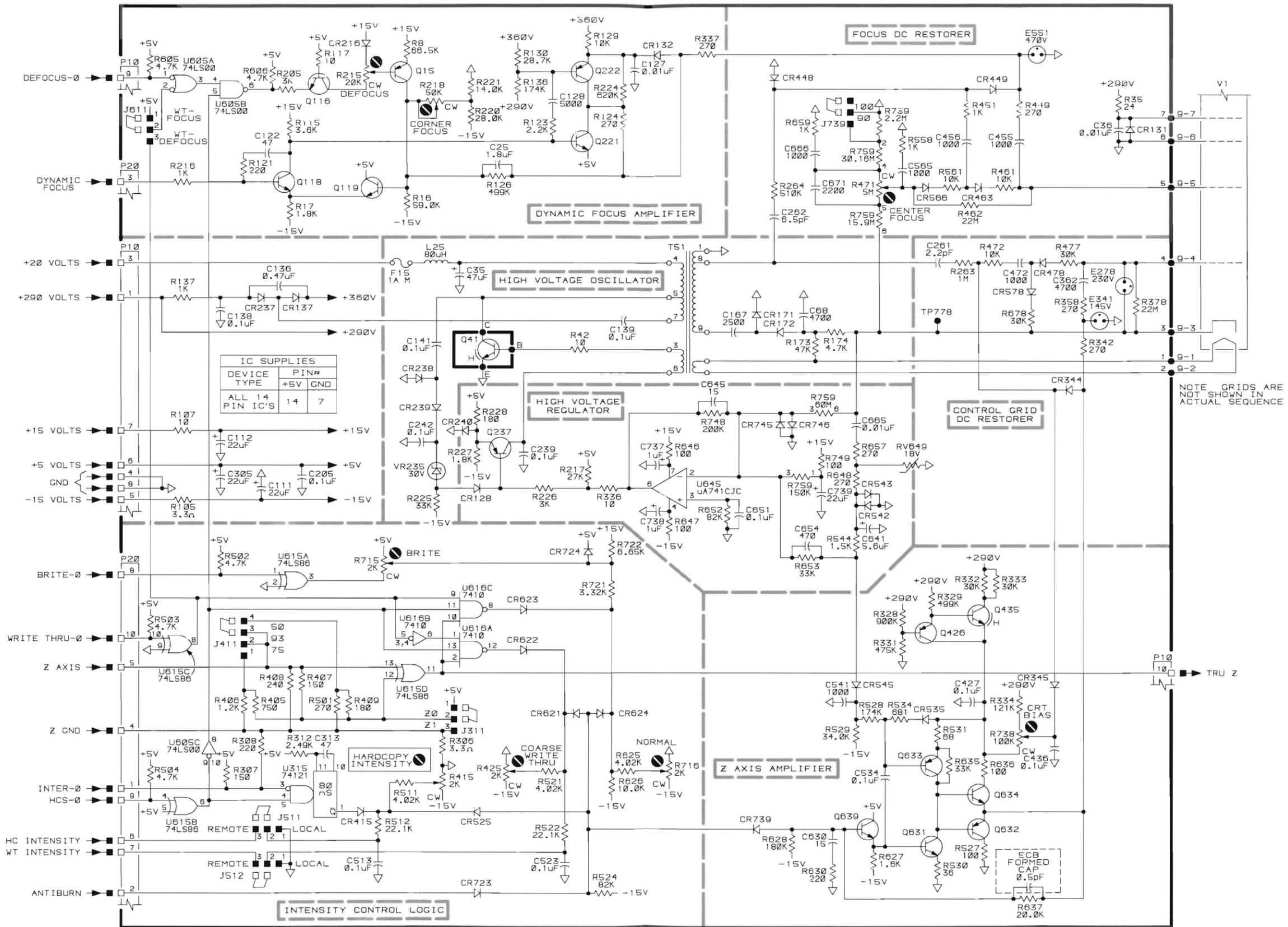
NOTES:  
  
2839-S67

BOARD: 672-0795-06, 670-6127-06  
DOUBLE ERASE STORAGE BD.

ASSEMBLY-SHEET:  
A12-2  
(2 OF 2)



Option 31 High Voltage and Z-Axis Component Locations (670-7264-01).



NOTE: GRIDS ARE NOT SHOWN IN ACTUAL SEQUENCE

INSTRUMENT:  
4054/4054A  
OPT. 31

NOTES:

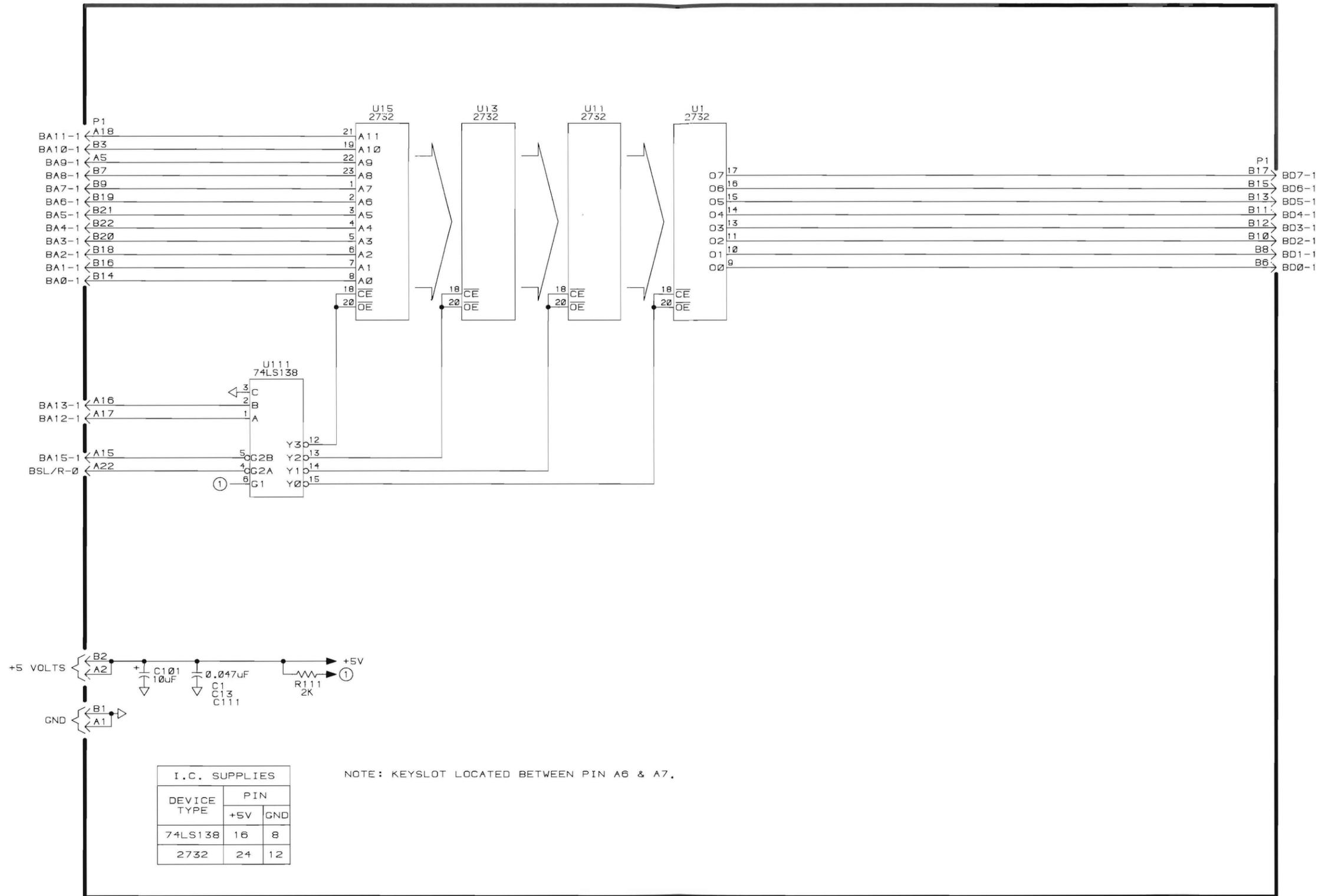
2839-S68

BOARD: 672-1026-01, 670-7264-01

HIGH VOLTAGE & Z AXIS BD.

ASSEMBLY-SHEET:

A13-1  
(1 OF 1)



I.C. SUPPLIES		
DEVICE TYPE	PIN	
	+5V	GND
74LS138	16	8
2732	24	12

INSTRUMENT:  
4054/4054A  
R06

NOTES:

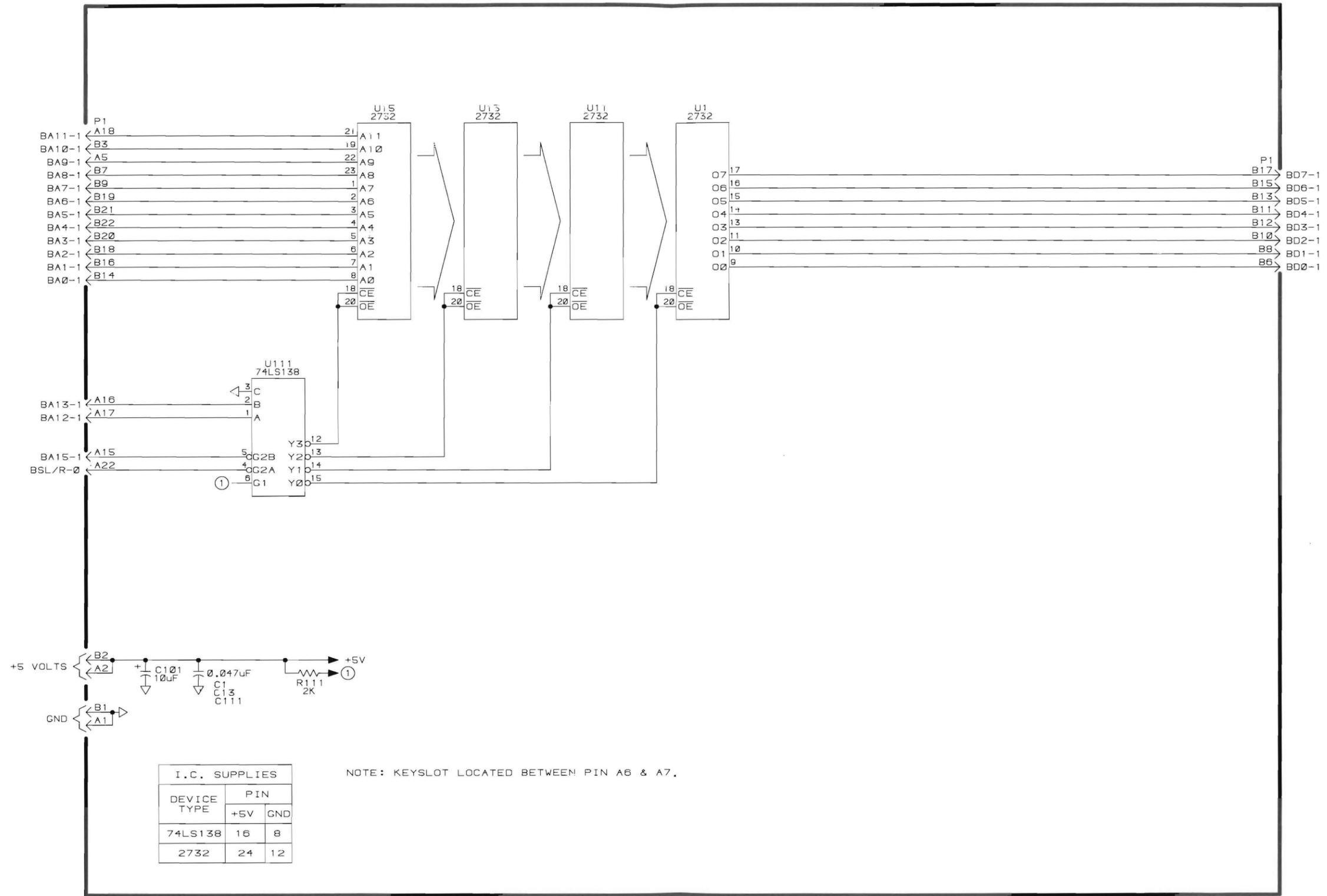
REV, JULY 1982  
2839-S62

BOARD: 670-7485-00

16K ROM PACK

EDITOR ROM PACK

ASSEMBLY-SHEET:  
A25-1  
(1 OF 1)



I.C. SUPPLIES		
DEVICE TYPE	PIN	
	+5V	GND
74LS138	16	8
2732	24	12

NOTE: KEYSLOT LOCATED BETWEEN PIN A6 & A7.

PROCESSOR ROMPACK  
670-7486-00

# Section 8 REPLACEABLE MECHANICAL PARTS

## PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

## SPECIAL NOTES AND SYMBOLS

X000 Part first added at this serial number  
00X Part removed after this serial number

## FIGURE AND INDEX NUMBERS

Items in this section are referenced by figure and index numbers to the illustrations.

## INDENTATION SYSTEM

This mechanical parts list is indented to indicate item relationships. Following is an example of the indentation system used in the description column.

```

1 2 3 4 5           Name & Description
Assembly and/or Component
Attaching parts for Assembly and/or Component
    --- * ---
Detail Part of Assembly and/or Component
Attaching parts for Detail Part
    --- * ---
Parts of Detail Part
Attaching parts for Parts of Detail Part
    --- * ---
  
```

Attaching Parts always appear in the same indentation as the item it mounts, while the detail parts are indented to the right. Indented items are part of, and included with, the next higher indentation. The separation symbol --- \* --- indicates the end of attaching parts.

**Attaching parts must be purchased separately, unless otherwise specified.**

## ITEM NAME

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an Item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

## ABBREVIATIONS

"	INCH	ELCTRN	ELECTRON	IN	INCH	SE	SINGLE END
#	NUMBER SIZE	ELEC	ELECTRICAL	INCAND	INCANDESCENT	SECT	SECTION
ACTR	ACTUATOR	ELCTLT	ELECTROLYTIC	INSUL	INSULATOR	SEMICOND	SEMICONDUCTOR
ADPTR	ADAPTER	ELEM	ELEMENT	INTL	INTERNAL	SHLD	SHIELD
ALIGN	ALIGNMENT	EPL	ELECTRICAL PARTS LIST	LPHLDR	LAMPHOLDER	SHLDR	SHOULDERED
AL	ALUMINUM	EQPT	EQUIPMENT	MACH	MACHINE	SKT	SOCKET
ASSEM	ASSEMBLED	EXT	EXTERNAL	MECH	MECHANICAL	SL	SLIDE
ASSY	ASSEMBLY	FIL	FILLISTER HEAD	MTG	MOUNTING	SLFLKG	SELF-LOCKING
ATTEN	ATTENUATOR	FLEX	FLEXIBLE	NIP	NIPPLE	SLVG	SLEEVING
AWG	AMERICAN WIRE GAGE	FLH	FLAT HEAD	NON WIRE	NOT WIRE WOUND	SPR	SPRING
BD	BOARD	FLTR	FILTER	OD	ORDER BY DESCRIPTION	SQ	SQUARE
BRKT	BRACKET	FR	FRAME or FRONT	OD	OUTSIDE DIAMETER	SST	STAINLESS STEEL
BRS	BRASS	FSTNR	FASTENER	OVH	OVAL HEAD	STL	STEEL
BRZ	BRONZE	FT	FOOT	PH BRZ	PHOSPHOR BRONZE	SW	SWITCH
BSHG	BUSHING	FXD	FIXED	PL	PLAIN or PLATE	T	TUBE
CAB	CABINET	GSKT	GASKET	PLSTC	PLASTIC	TERM	TERMINAL
CAP	CAPACITOR	HDL	HANDLE	PN	PART NUMBER	THD	THREAD
CER	CERAMIC	HEX	HEXAGON	PNH	PAN HEAD	THK	THICK
CHAS	CHASSIS	HEX HD	HEXAGONAL HEAD	PWR	POWER	TNSN	TENSION
CKT	CIRCUIT	HEX SOC	HEXAGONAL SOCKET	RCPT	RECEPTACLE	TPG	TAPPING
COMP	COMPOSITION	HLCPS	HELICAL COMPRESSION	RES	RESISTOR	TRH	TRUSS HEAD
CONN	CONNECTOR	HLEXT	HELICAL EXTENSION	RGD	RIGID	V	VOLTAGE
COV	COVER	HV	HIGH VOLTAGE	RLF	RELIEF	VAR	VARIABLE
CPLG	COUPLING	IC	INTEGRATED CIRCUIT	RTNR	RETAINER	W/	WITH
CRT	CATHODE RAY TUBE	ID	INSIDE DIAMETER	SCH	SOCKET HEAD	WSHR	WASHER
DEG	DEGREE	IDENT	IDENTIFICATION	SCOPE	OSCILLOSCOPE	XFMR	TRANSFORMER
DWR	DRAWER	IMPLR	IMPELLER	SCR	SCREW	XSTR	TRANSISTOR

REPLACEABLE MECHANICAL PARTS

CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
53109	C/O PANEL COMPONENTS CORP.	P.O. BOX 6626	SANTA ROSA, CA 95406
000AE	GARDNER SPRING COMPANY	1115 N UTICA	TULSA, OK 74110
000AH	STANDARD PRESSED STEEL CO., UNBRAKO DIV.	8535 DICE ROAD	SANTA FE SPRINGS, CA 90670
000BK	STAUFFER SUPPLY	105 SE TAYLOR	PORTLAND, OR 97214
000CA	MOLEX	2222 WELLINGTON COURT	LYLE, ILLINOIS 60532
000CP	AIMSCO	4024 22ND AVE. WEST	SEATTLE, WA 98199
000CY	NORTHWEST FASTENER SALES, INC.	7923 S/1 CIRRUS DRIVE	BEAVERTON, OR 97005
000EO	ZEPHER ELECTRONIC SALES CORP.	647 INDUSTRY DRIVE	SEATTLE, WA 98188
000ER	EGER PRODUCTS INC.	P O BOX 14467	CINCINNATI, OH 45214
000GB	PITTMAN CORP	343 GODSHALL DRIVE	HARLEYSVILLE, PA 19438
000GY	DEK INC.	3480 SWENSEN AVE.	ST. CHARLES, IL 60174
00613	USM CORPORATION, MOLLY FASTENER DIVISION	504 MT. LAUREL AVENUE	TEMPLE, PA 19560
00779	AMP, INC.	P O BOX 3608	HARRISBURG, PA 17105
01295	TEXAS INSTRUMENTS, INC., SEMICONDUCTOR GROUP	P O BOX 5012, 13500 N CENTRAL EXPRESSWAY	DALLAS, TX 75222
01963	CHERRY ELECTRICAL PRODUCTS CORPORATION	3600 SUNSET AVENUE	WAUKEGAN, IL 60085
02777	HOPKINS ENGINEERING COMPANY	12900 FOOTHILL BLVD.	SAN FERNANDO, CA 91342
04919	COMPONENT MANUFACTURING SERVICE, INC.	1 COMPONENT PARK WEST	BRIDGEWATER, MA 02379
05574	VIKING INDUSTRIES, INC.	21001 NORDHOFF STREET	CHATSWORTH, CA 91311
06090	RAYCHEM CORPORATION	300 CONSTITUTION DRIVE	MENLO PARK, CA 94025
06383	PANDUIT CORPORATION	17301 RIDGELAND	TINLEY PARK, IL 60477
06915	RICHCO PLASTIC CO.	5825 N. TRIPP AVE.	CHICAGO, IL 60646
07109	OAKTRON INDUSTRIES, INC.	704 30TH STREET	MONROE, WI 53566
07322	MINNESOTA RUBBER CO.	3630 WOODDALE AVENUE	MINNEAPOLIS, MN 55416
07707	USM CORP., USM FASTENER DIV.	510 RIVER RD.	SHELTON, CT 06484
08261	SPECTRA-STRIP CORP.	7100 LAMPSON AVE.	GARDEN GROVE, CA 92642
08530	RELIANCE MICA CORP.	342-39TH ST.	BROOKLYN, NY 11232
09922	BURNDY CORPORATION	RICHARDS AVENUE	NORWALK, CT 06852
11897	PLASTIGLIDE MFG. CORPORATION	P O BOX 867, 1757 STANFORD ST.	SANTA MONICA, CA 90406
11983	NORTRONICS COMPANY, INC.	8101 10TH AVENUE NORTH	MINNEAPOLIS, MN 55427
12327	FREEWAY CORPORATION	9301 ALLEN DRIVE	CLEVELAND, OH 44125
12703	JUDD WIRE DIV. ELECTRONIZED CHEMICALS CORP.	250 TURNPIKE RD P.C. BOX 390	TURNERS FALLS, MA 01376
15819	SINCLAIR AND RUSH INC.	6919 SOUTH BROADWAY	ST. LOUIS, MO 63111
16428	BELDEN CORP.	P. O. BOX 1331	RICHMOND, IN 47374
18565	CHOMERICS INC.	77 DRAGON COURT	WOBBURN, MA 01801
20999	MINNESOTA MINING AND MFG CO., INDUSTRIAL ELECTRICAL PRODUCTS DIVISION	3M CENTER	ST. PAUL, MN 55101
22526	BERG ELECTRONICS, INC.	YOUK EXPRESSWAY	NEW CUMBERLAND, PA 17070
22599	ESNA, DIV. OF AMERACE CORPORATION	16150 STAGG STREET	VAN NUYS, CA 91409
23050	PRODUCT COMPONENTS CORP	30 LORRAINE AVE.	MT VERNON, NY 10553
26365	GRIES REPRODUCER CO., DIV. OF COATS AND CLARK, INC.	125 BEECHWOOD AVE.	NEW ROCHELLE, NY 10802
27014	NATIONAL SEMICONDUCTOR CORP.	2900 SEMICONDUCTOR DR.	SANTA CLARA, CA 95051
27264	MOLEX PRODUCTS CO.	5224 KATRINE AVE	DOWNERS GROVE, IL 60515
28520	HEYMAN MFG. CO.	147 N. MICHIGAN AVE.	KENILWORTH, NJ 07033
31223	MICRO PLASTICS, INC.	20821 DEARBORN STREET	CHATSWORTH, CA 91311
34785	DEK INC.	1555 HAWTHORNE LN.	W CHICAGO, IL 60185
50778	PORTESCAP, US	730 FIFTH AVENUE	NEW YORK, NEW YORK 10019
52905	SIMPLEX MFG. COMPANY	5224 NE 42ND AVENUE	PORTLAND, OREGON 97218
55285	BERGQUIST CO. INC.	5300 EDINA INDUSTRIAL BLVD	MINNEAPOLIS, MN 55435
59730	THOMAS AND BETTS COMPANY	36 BUTLER ST.	ELIZABETH, NJ 07207
70485	ATLANTIC INDIA RUBBER WORKS, INC.	571 W. POLK ST.	CHICAGO, IL 60607
71468	ITT CANNON ELECTRIC	666 E. DYER RD.	SANTA ANA, CA 92702
71785	TRW, CINCH CONNECTORS	1501 MORSE AVENUE	ELK GROVE VILLAGE, IL 60007
73743	FISCHER SPECIAL MFG. CO.	446 MORGAN ST.	CINCINNATI, OH 45206
73803	TEXAS INSTRUMENTS, INC., METALLURGICAL MATERIALS DIV.	34 FOREST STREET	ATTLEBORO, MA 02703
74868	BUNKER-RAMO CORP., THE AMPHENOL RF DIV.	33 E. FRANKLIN ST.	DANBURY, CT 06810
74921	ITEN FIBRE CO.,	4001 BENEFIT AVE., P O BOX 5	ASHTABULA, OH 44004
75037	MINNESOTA MINING & MFG CO. ELECTRO PRODUCTS DIV.	3M CENTER	ST. PAUL, MN 55101
77250	PHEOLL MANUFACTURING CO., DIVISION OF ALLIED PRODUCTS CORP.	5700 W. ROOSEVELT RD.	CHICAGO, IL 60650
77339	NATIONAL LOCK WASHER COMPANY	P O BOX 5115, INDUSTRIAL PARKWAY	NORTH BRANCH, NJ 08856

## CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
78189	ILLINOIS TOOL WORKS, INC. SHAKEPROOF DIVISION	ST. CHARLES ROAD	ELGIN, IL 60120
79136	WALDES, KOHINOOR, INC.	47-16 AUSTEL PLACE	LONG ISLAND CITY, NY 11101
80009	TEKTRONIX, INC.	P O BOX 500	BEAVERTON, OR 97077
80126	PACIFIC ELECTRICORD CO.	747 W. REDONDO BEACH, P O BOX 10	GARDENA, CA 90247
81041	HOWARD INDUSTRIES, DIVISION OF MSL INDUSTRIES, INC.	P O BOX 287	MILFORD, IL 60953
81646	PARKER HANNIFER CORP., CLAMP & FASTENER DIV.	1000 PENNSYLVANIA AVE.	BROOKLYN, NY 11207
82877	ROTRON, INC.	7-9 HASBROUCK LANE	WOODSTOCK, NY 12498
83309	ELECTRICAL SPECIALITY CO., SUBSIDIARY OF BELDEN CORP.	213 E. HARRIS AVE. SOUTH	SAN FRANCISCO, CA 94080
83385	CENTRAL SCREW CO.	2530 CRESCENT DR.	BROADVIEW, IL 60153
85471	BOYD, A. B., CO.	2527 GRANT AVENUE	SAN LEANDRO, CA 94579
86928	SEASTROM MFG. COMPANY, INC.	701 SONORA AVENUE	GLENDALE, CA 91201
87308	N. L. INDUSTRIES, INC., SOUTHERN SCREW DIV.	P. O. BOX 1360	STATESVILLE, NC 28677
87473	INSULECTRO, A DIVISION OF QUINTEC INDST.	343 CORAL CIRCLE	EL SEGUNDO, CA 90245
90484	ITT, SURPRENANT DIV.	172 STERLING STREET	CLINTON, MA 01510
91260	CONNOR SPRING AND MFG. CO.	1729 JUNCTION AVE.	SAN JOSE, CA 95112
91506	AUGAT, INC.	33 PERRY AVE.	ATTLEBORO, MA 02703
91637	DALE ELECTRONICS, INC.	P. O. BOX 609	COLUMBUS, NE 68601
91886	MALCO A MICRODOT CO.	12 PROGRESS DRIVE	MONTGOMERYVILLE, PA 18936
93907	TEXTRON INC. CAMCAR DIV	600 18TH AVE	ROCKFORD, IL 61101
95987	WECKESSER CO., INC.	4444 WEST IRVING PARK RD.	CHICAGO, IL 60641
97464	INDUSTRIAL RETAINING RING CO.	57 CORDIER ST.	IRVINGTON, NJ 07111
98978	INTERNATIONAL ELECTRONIC RESEARCH CORP.	135 W. MAGNOLIA BLVD.	BURBANK, CA 91502
99742	PERMACEL DIV. OF JOHNSON AND JOHNSON	U. S. HIGHWAY 1	NEW BRUNSWICK, NJ 08901
99801	RADAR ELECTRONICS CO.	168 WESTERN AVE. WEST	SEATTLE, WA 98119

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
1-1	390-0691-01		1						CABINET TOP:ALUMINUM W/HARDWARE (ATTACHING PARTS)	80009	390-0691-01
-2	212-0543-00		2						SCREW,MACHINE:10-32 X 3.750 HEX HD	83385	OBD
-3	210-0805-00		2						WASHER,FLAT:0.204 ID X 0.438 INCH OD,STL	12327	OBD
-4	210-0010-00		2						WASHER,LOCK:INT,0.20 ID X0.376" OD,STL	78189	1210-00-00-0541C
-5	348-0020-00		2						GROMMET,RUBBER:0.25 INCH - - - * - - -	70485	374
-6	334-3570-00		1						MARKER,IDENT:MKD TEKTRONIX 4054	80009	334-3570-00
-7	331-0550-00		1						MASK,CRT:	80009	331-0550-00
	344-0322-00		2						CLIP,CRT MASK:COPPER BERYLLIUM (ATTACHING PARTS)	80009	344-0322-00
	210-0011-00		2						WASHER,LOCK:0.25 ID,INTL,0.025 THK STL - - - * - - -	000BK	OBD
-8	390-0699-00		1						CAB.SIDE,CALC:RIGHT,FINISHED (ATTACHING PARTS)	80009	390-0699-00
-9	211-0512-00		1						SCREW,MACHINE:6-32 X 0.50" 100 DEG,FLH STL	83385	OBD
-10	211-0510-00		3						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-11	210-0006-00		3						WASHER,LOCK:#6 INTL,0.018THK,STL CD PL - - - * - - -	78189	1206-00-00-0541C
-12	390-0700-00		1						CAB.SIDE,CALC:LEFT,FINISHED (ATTACHING PARTS)	80009	390-0700-00
-12.1	211-0512-00		1						SCREW,MACHINE:6-32 X 0.50" 100 DEG,FLH STL	83385	OBD
-12.2	211-0510-00		3						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-12.3	210-0006-00		3						WASHER,LOCK:#6 INTL,0.018THK,STL CD PL - - - * - - -	78189	1206-00-00-0541C
-13	348-0177-00		4						PAJ,CABINET FT:1.25 W X 0.50 INCH H	80009	348-0177-00
-14	348-0178-00		4						BUMPER,PLASTIC:2.0 W X 0.40 INCH H (ATTACHING PARTS)	80009	348-0178-00
-15	213-0054-00		8						SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL	93907	OBD
-16	210-0803-00		8						WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL - - - * - - -	12327	OBD
-17	426-1564-00		1						FRAME SECT,CAB: (ATTACHING PARTS)	80009	426-1564-00
-18	212-0001-00		2						SCREW,MACHINE:8-32 X 0.250 INCH,PNH STL	77250	OBD
-19	211-0559-00		4						SCREW,MACHINE:6-32 X 0.375"100 DEG,FLH STL - - - * - - -	83385	OBD
-20	343-0835-00		2						CLAMP,LOOP:0.375 ID,NYLON W/ADH BACK	34785	021-0375
-21	366-0261-02		2						KNOB:GRAY,0.129 IDX 0.312 OD X 0.406 H	80009	366-0261-02
-22	103-0214-00		2						ADPTR,VAR RES:0.25-32 INT THD,0.438-28 (ATTACHING PARTS)	80009	103-0214-00
-23	210-0021-00		2						WASHER,LOCK:INTL,0.476 ID X 0.60"OD STL	78189	1222-01-00-0541C
-24	210-0559-00		2						NUT,PLAIN,HEX:0.435-28 X 0.562,BRS CD PL - - - * - - -	80009	210-0559-00
-25	-----		2						RESISTOR,VAR:(SEE R5001,R5002 REPL) (ATTACHING PARTS)		
-26	210-0046-00		2						WASHER,LOCK:0.261 ID,INTL,0.018 THK,BRS	78189	1214-05-00-0541C
-27	210-0562-00		2						NUT,PLAIN,HEX.:0.25-40 X 0.312 INCH,BBS - - - * - - -	73743	2X20224-402
-27.1	343-0298-00	B013100 B010499	1						CLAMP,LOOP:PLASTIC,W/ADHESIVE BACK	95987	HPC25
	343-0835-00	B010500	2						CLAMP,LOOP:0.375 ID,NYLON W/ADH BACK	34785	021-0375
	175-2660-00		1						CA ASSY,SP,ELEC:4,26 AWG,6.0 L	80009	175-2660-00
-28	131-0965-00		4						. CONTACT,ELEC:0.25" SQ,22-26 AWG WIRE	22526	47792
-29	352-0177-00		1						. CONN BODY,PL,EL:6 WIRE,DBL ROW BLACK	80009	352-0177-00
-30	175-0827-00		AR						. CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)0C
-30.1	175-2642-00		1						CA ASSY,SP,ELEC:4,18 AWG,40.0 L	80009	175-2642-00
-31	200-1903-00		1						. COVER,ELEC SW:POWER	80009	200-1903-00
-32	-----		1						. SWITCH,ROCKER:(SEE S5001 REPL)		
-33	131-0945-00		4						. CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-2101
-34	131-0946-00		1						. CONNECTOR BODY,:FEMALE,4 CONTACT	27264	03-09-2041
	348-0253-00		2						GROMMET,PLASTIC:BLACK,OBLONG,3.OXO.925	80009	348-0253-00
-35	390-0688-00		1						CABINET BOTTOM:	80009	390-0688-00
-36	333-2511-00	B010100 B011326	1						PANEL,REAR:	80009	333-2511-00
	333-2511-01	B011327	1						PANEL,REAR: (ATTACHING PARTS)	80009	333-2511-01
-37	212-0518-00		2						SCREW,MACHINE:10-32 X 0.312,PNH,STL,CD PL	83385	OBD
-37.1	212-0004-00		2						SCREW,MACHINE:8-32 X 0.312 INCH,PNH STL - - - * - - -	83385	OBD

REPLACEABLE MECHANICAL PARTS

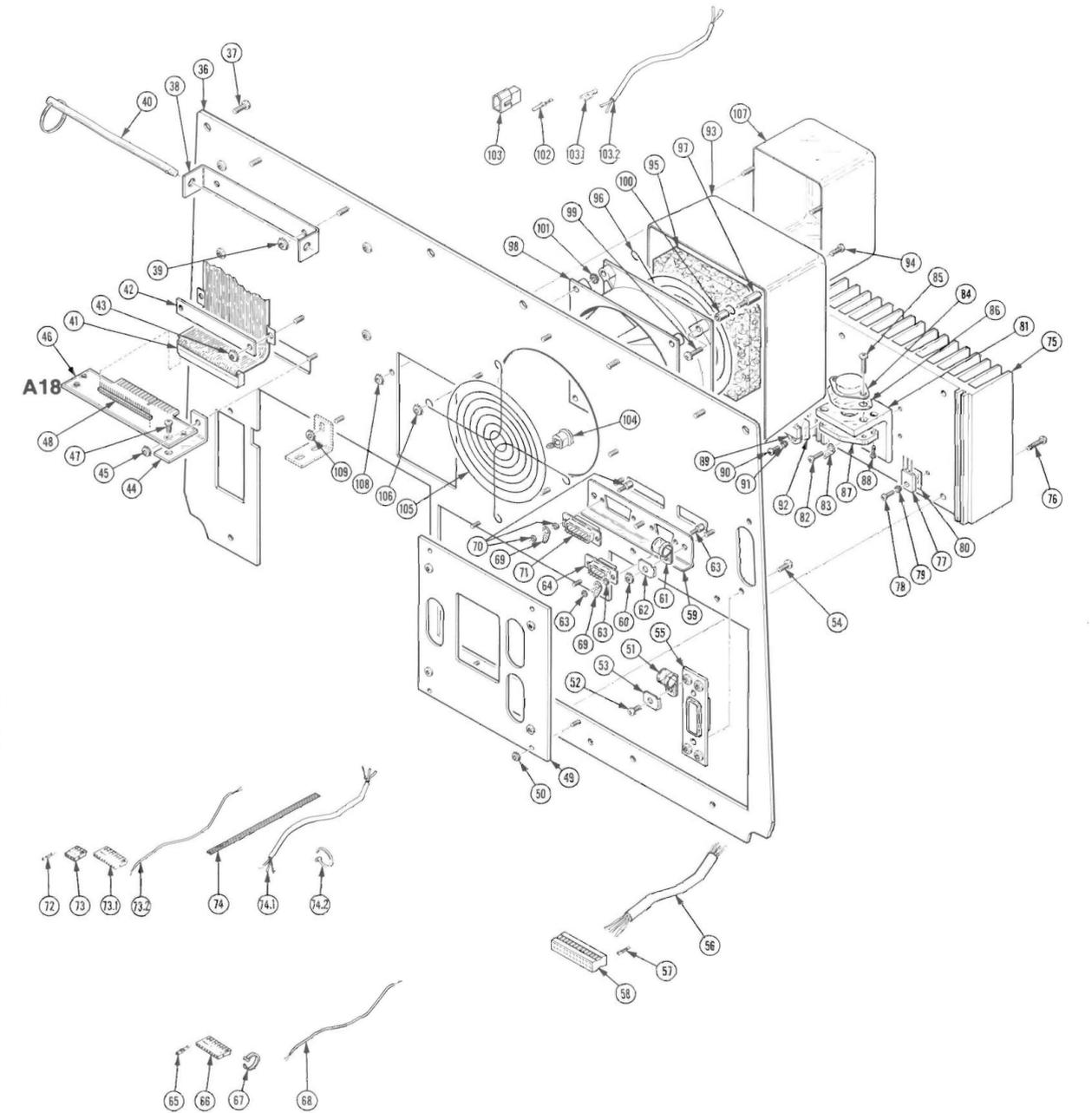
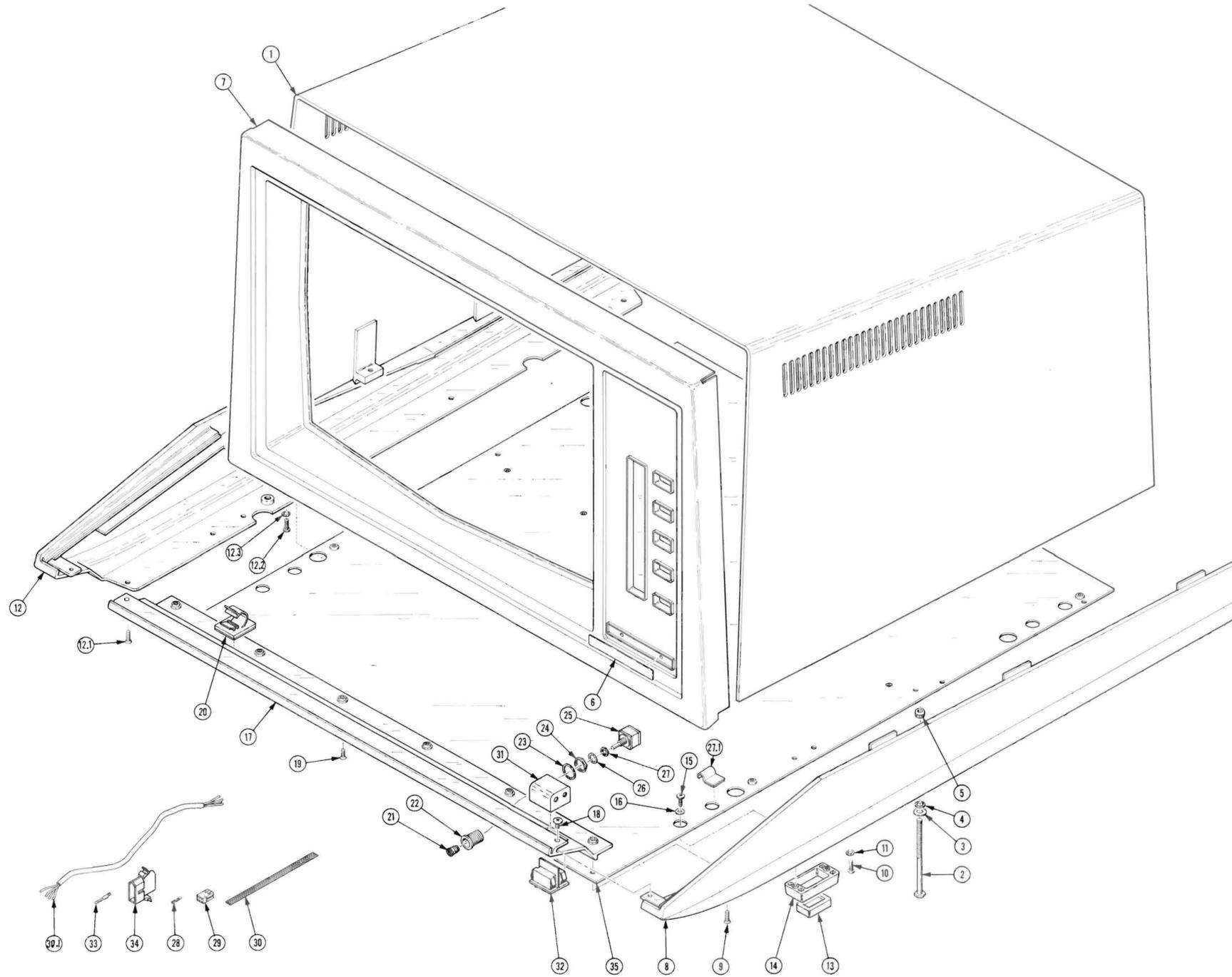
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
1-38	214-2891-00		2		HINGE,CKT BOARD:STEEL (ATTACHING PARTS)	80009	214-2891-00
-39	210-0458-00		4		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-40	214-2911-00		2		PIN,STR,HEADED:0.25 DIA X 5.662 L,STEEL (NOTE:ON INSTRUMENTS BELOW SN B010200,ENLARGE MOUNTING HOLES)	80009	214-2911-00
-41	175-2699-00		1		CA ASSY,SP,ELEC:50,28 AWG,19.0 L	80009	175-2699-00
-42	346-0172-00		1		STRAP,GROUNDING:CABLE,3.25 L,AL (ATTACHING PARTS)	80009	346-0172-00
-43	210-0458-00	B010100 B010199	2		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD
	210-0457-00	B010200	2		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-44	407-2309-00		2		BRACKET,ANGLE:CIRCUIT BOARD,AL (ATTACHING PARTS)	80009	407-2309-00
-45	210-0457-00		2		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-46	-----		1		CKT BOARD ASSY:BACKPACK INTERCON(SEE A18 REPL) (ATTACHING PARTS)		
-47	211-0504-00		2		SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL - - - * - - -	83385	OBD
	-----		-		CKT BOARD ASSY INCLUDES:		
-48	131-1857-00		2		. TERM. SET,PIN:36/0.025 SQ PIN,ON 0.1 CTRS	22526	65500136
-49	386-4255-00		1		PLATE,HEAT SINK:ALUMINUM (ATTACHING PARTS)	80009	386-4255-00
-50	210-0586-00		4		NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - - - * - - -	83385	OBD
-51	343-0004-00		1		CLAMP,LOOP:0.312 INCH DIAMETER,PLSTC (ATTACHING PARTS)	95987	5-16-6B
-52	211-0504-00		1		SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
-53	210-0863-00		1		WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL - - - * - - -	95987	C191
	175-2661-00		1		CA ASSY,SP,ELEC:24,26 AWG,13.0 L (ATTACHING PARTS)	80009	175-2661-00
-54	211-0581-00		2		SCREW,MACHINE:6-32 X 0.375 INCH,TRH STL - - - * - - -	83385	OBD
	-----		-		GPIB CABLE ASSY INCLUDES:		
-55	386-3370-01		1		. PLATE,CONN MTG:REAR,W/HARDWARE	80009	386-3370-01
-56	175-0393-00		1		. CABLE,SP,ELEC:24,26 AWG,GRAY VINYL JKT	80009	175-0393-00
-57	131-0707-00		24		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-58	352-0428-00		1		. CONN BODY,PLUG:2/12 FEM CONT	22526	65043-070
-59	407-2321-00		1		BRACKET,CONN:ALUMINUM (ATTACHING PARTS)	80009	407-2321-00
-60	210-0457-00		3		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-61	343-0004-00		1		CLAMP,LOOP:0.312 INCH DIAMETER,PLSTC	95987	5-16-6B
	343-0005-00		1		CLAMP,LOOP:0.438 INCH	95987	7-16-6B
-62	210-0863-00		2		WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL	95987	C191
	175-2689-00		1		CA ASSY,SP,ELEC:4,26 AWG,5,22 AWG,29.0 L (ATTACHING PARTS)	80009	175-2689-00
-63	131-0890-00		2		LOCK,CONNECTOR:4-40 X 0.312 L - - - * - - -	71468	D 20418-2
	-----		-		JOYSTICK CABLE ASSY INCLUDES:		
-64	131-1006-00		1		. CONN,RCPT,ELEC:9 CONTACT,FEMALE	71468	DE 9S
-65	131-0708-00		4		. CONTACT,ELEC:0.48"L,28-32 AWG WIRE	22526	47437
	131-0707-00		5		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-66	352-0167-01		1		. CONN BODY,PL,EL:9 WIRE BROWN	80009	352-0167-01
-67	343-0549-00		6		. STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-68	175-0072-00		AR		. CABLE,RF:2 CONDUCTOR	80009	175-0072-00
-69	210-0201-00		2		TERMINAL,LUG:0.12 ID,LOCKING,BRZ TIN PL	86928	OBD
	175-2688-00		1		CA ASSY,SP,ELEC:4,26 AWG,2,500HM COAX (ATTACHING PARTS)	80009	175-2688-00
-70	131-0890-00		2		LOCK,CONNECTOR:4-40 X 0.312 L - - - * - - -	71468	D 20418-2
	-----		-		HARD COPY CABLE ASSY INCLUDES:		
-71	131-0458-00		1		. CONNECTOR,RCPT,:15 PIN,FEMALE	71468	DA15S
	131-0707-00		3		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439

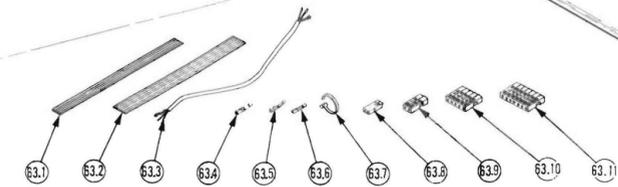
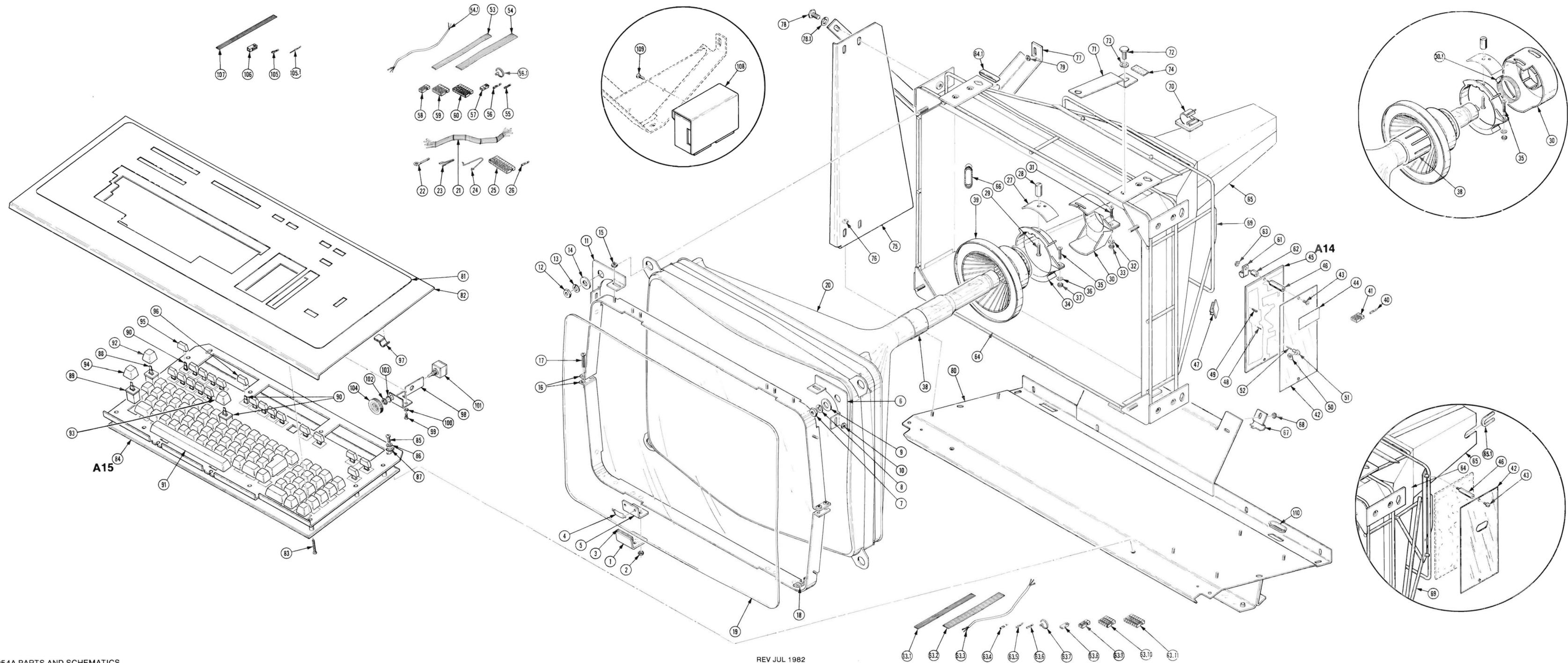
# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
1-	131-0708-00		6	.					CONTACT,ELEC:0.48"L,28-32 AWG WIRE	22526	47437
-72	131-2428-00		4	.					CONN PLUG,ELEC:18-20 AWG,BRS& CU BE GOLD	22526	47441
-73	352-0162-00		1	.					HLD,TERM CONN:4 WIRE BLACK	80009	352-0162-00
-73.1	352-0167-00		1	.					HLD,TERM CONN:9 WIRE BLACK	80009	352-0167-00
-73.2	175-0072-00		AR	.					CABLE,RF:2 CONDUCTOR	80009	175-0072-00
-74	175-0862-00		AR	.					WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
-74.1	175-1020-00		AR	.					CABLE,RF:50 OHM COAX,WHT POLYTHN JKT	90484	DAB70JAAAWHITE
-74.2	343-0549-00		7	.					STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-75	214-2890-00		1						HEAT SINK,ELEC:CIRCUIT BOARD,AL (ATTACHING PARTS)	80009	214-2890-00
-76	211-0511-00		4						SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL - - - * - - -	83385	OBD
-77	-----		2						TRANSISTOR:(SEE Q5007,Q5009 REPL) (ATTACHING PARTS)		
-78	211-0097-00		2						SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL	83385	OBD
-79	210-1181-00		2						WASHER,SHLDR:1.22 ID X 0.20D - - - * - - -	31223	OBD
-80	342-0163-00		2						INSULATOR,PLATE:XSTR,0.675 X 0.625 X 0.001"	80009	342-0163-0C
-81	407-0405-00		1						BRACKET,ANGLE:TRANSISTOR,ALUMINUM (ATTACHING PARTS)	80009	407-0405-0C
-82	211-0012-00		4						SCREW,MACHINE:4-40 X 0.375,PNH STL CD PL	83385	OBD
-83	210-0201-00		1						TERMINAL,LUG:0.12 ID,LOCKING,BRZ TIN PL - - - * - - -	86928	OBD
-84	-----		1						MICROCIRCUIT:(SEE U5011 REPL) (ATTACHING PARTS)		
-85	211-0511-00		2						SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL - - - * - - -	83385	OBD
-86	386-0978-00		1						INSULATOR,PLATE:TRANSISTOR,MICA	80009	386-0978-00
-87	136-0135-01		1						SKT,PL-IN ELEK:TRANSISTOR,2 CONT (ATTACHING PARTS)	91506	8080-1G7
-88	211-0062-00		2						SCREW,MACHINE:2-56 X 0.312,PNH,STL - - - * - - -	83385	OBD
-89	-----		1						TRANSISTOR:(SEE Q5005 REPL) (ATTACHING PARTS)		
-90	211-0097-00		1						SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL	83385	OBD
-91	210-1181-00		1						WASHER,SHLDR:1.22 ID X 0.20D - - - * - - -	31223	OBD
-92	342-0311-00		1						INSULATOR,PLATE:TRANSISTOR,MICA	01295	64-21-023-212
-93	343-0832-01		1						RTNR,AIR FILTER:4.963 L X 4.75 W,ABS,TV (ATTACHING PARTS)	80009	343-0832-01
-94	211-0510-00		4						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL - - - * - - -	83385	OBD
-95	378-2041-00		1						FILTER ELEM,AIR:4.5 SQ X 0.5 THK,PU	80009	378-2041-00
-96	200-2222-00		1						GUARD,FAN: (ATTACHING PARTS)	81041	6-182-033
-97	129-0458-00		4						POST,ELEC-MECH:6-32 X 0.25 HEX. X 0.487" L - - - * - - -	80009	129-0458-00
-98	119-1024-00		1						FAN,VENTILATING:115V,18W,3100RPM,115 CFM (ATTACHING PARTS)	82877	028316
-99	211-0540-00		4						SCREW,MACHINE:6-32 X 0.50 INCH,TRH STL	83385	OBD
-100	385-0079-00		4						SPACER,POST:0.375 L W/6-32 THD THRU,AL	80009	385-0079-00
-101	210-0457-00		4						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
	175-2666-00		1						CA ASSY,SP,ELEC:2,18 AWG,22.0 L	80009	15-2666-00
-102	131-0945-00		2						CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-2101
-103	204-0827-00		1						CONN BODY,PLUG:2 CONT FEMALE	27264	03-09-2022
103.1	131-2436-00		2						TERM,QIK DISC:18-22 AWG,FEMALE	00779	2-520083-2
103.2	175-2203-00		AR						CABLE,SP,ELEC:2,18 AWG,W/VINYL JACKET	80009	175-2203-00
-104	358-0161-00		1						BSHG,STRAIN RLF:FOR 0.50 INCH HOLE,PLASTIC	28520	1147 SR-5P-4
-105	200-2222-00		1						GUARD,FAN: (ATTACHING PARTS)	81041	6-182-033
-106	210-0457-00		4						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-107	200-2356-00		1						COVER,CRT END:STEEL (ATTACHING PARTS)	80009	200-2356-00
-108	210-0457-00		4						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
1-109	210-0457-00		1		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL	83385	OBD
	179-2733-01		1		WIRING HARNESS: MAIN CABLE	80009	179-2733-01
-110	134-0153-00		1		. KEY, PLZN CONN: MINI LATCH HSG	80009	134-0153-00
-111	343-0549-00		18		. STRAP, TIEDOWN: 0.091 W X 3.62 INCH LONG	59730	TY100
-112	204-0872-00		1		. CONN BODY, PLUG: 2 X 18, 01 L SPACING, 0.025 PINS		
-113	352-0165-01		1		. CONN BODY, PL, EL: 7 WIRE BROWN	80009	352-0165-01
-114	352-0166-00		1		. CONN BODY, PL, EL: 8 WIRE BLACK	80009	352-0166-00
-115	352-0199-06		1		. CONN BODY, PL, EL: 3 WIRE BLUE	80009	352-0199-06
-116	352-0167-05		1		. CONN BODY, PL, EL: 9 WIRE GREEN	80009	352-0167-05
-117	352-0164-00		1		. CONN BODY, PL, EL: 6 WIRE BLACK	80009	352-0164-00
-118	352-0162-08		1		. CONN BODY, PL, EL: 4 WIRE GRAY	80009	352-0162-08
-119	131-0707-00		77		. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-120	131-0965-00		3		. CONTACT, ELEC: 0.25" SQ, 22-26 AWG WIRE	22526	47792
-121	352-0177-00		1		. CONN BODY, PL, EL: 6 WIRE, DBL ROW BLACK	80009	352-0177-00
-122	352-0176-00		2		. CONN BODY, PL, EL: 4 WIRE, DBL ROW BLACK	80009	352-0176-00
-123	175-0862-00		AR		. WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
-124	175-0827-00		AR		. CABLE, SP, ELEC: 4, 26 AWG, STRD, PVC JKT, RBN	08261	SS04267(1061)0C
	175-0861-00		AR		. WIRE, ELECTRICAL: 4 WIRE RIBBON	08261	SS-0422-7(1061)
-125	175-0830-00		AR		. WIRE, ELECTRICAL: 7 WIRE RIBBON	08261	SS-0726-710610C
-126	175-0831-00		AR		. WIRE, ELECTRICAL: 8 WIRE RIBBON	08261	SS-0826-710610C





REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
2-1	343-0666-00			4		CLAMP, FILTER: UPPER LEFT, LOWER RIGHT (ATTACHING PARTS)	80009	343-0666-00
-2	210-0457-00			8		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-3	253-0137-00			AR		RL TAPE: 1.25W X 4.5 INCH L, ADH, SIL RBR	99742	2650
-4	131-1520-00			4		CONTACT, ELEC: GROUNDING	80009	131-1520-00
-5	352-0490-00			4		HOLDER, CONTACT:	80009	352-0490-00
-6	407-2019-00			2		BRKT, RTNG STRAP: LWR LEFT OR UPPER RIGHT, AL (ATTACHING PARTS)	80009	407-2019-00
-7	210-0411-00			2		NUT, PLAIN, HEX.: 0.25-20 X 0.438 INCH STL	73743	OBD
-8	210-0016-00			2		WASHER, LOCK: SPLIT, 0.259 ID X 0.489 OD, STL	77339	6507
-9	210-1044-00			2		WASHER, FLAT: 0.375 ID X 0.75 INCH OD, STL	86928	OBD
-10	210-0457-00			4		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-11	407-2018-00			2		BRKT, RTNG STRAP: UPPER LEFT OR LWR RIGHT, AL (ATTACHING PARTS)	80009	407-2018-00
-12	210-0411-00			2		NUT, PLAIN, HEX.: 0.25-20 X 0.438 INCH STL	73743	OBD
-13	210-0016-00			2		WASHER, LOCK: SPLIT, 0.259 ID X 0.489 OD, STL	77339	6507
-14	210-1044-00			2		WASHER, FLAT: 0.375 ID X 0.75 INCH OD, STL	86928	OBD
-15	210-0457-00			4		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-16	346-0157-00			2		STRAP, RETAINING: LOWER & UPPER, FILTER (ATTACHING PARTS)	80009	346-0157-00
-17	211-0517-00			4		SCREW, MACHINE: 6-32 X 1 INCH, PNH, STL - - - * - - -	83385	OBD
-18	-----			AR		PLASTIC STRIP: PRESS, SENS, ADH CTD BS		
-19	337-1981-01			1		SHLD, IMPLOSION: GREEN	80009	337-1981-01
	337-1981-04	XB012021		1		SHLD, IMPLOSION: RED	80009	337-1981-04
	-----			-		(OPTION 31 ONLY)		
-20	-----			1		ELECTRON TUBE: (SEE V1 REPL)		
-21	179-2424-02			1		WIRING HARNESS: CRT	80009	179-2424-02
-22	210-0224-00			2		TERMINAL, LUG: 0.20 ID X 0.344 OD, SE, BRS	86928	A373-148-1
-23	344-0035-00			2		CLIP, ELECTRICAL: SNAP-ON	80009	344-0035-00
-24	131-1594-00			1		CONTACT, ELEC: ANODE, 0.042 DIA SPR STL, U-SHP	91260	OBD
	136-0660-00			2		SKT, PL-IN ELEK: FLOOD GUN	80009	136-0660-00
-25	352-0206-03			1		HLDR, TERM CONN: 10 WIRE, ORANGE	80009	352-0206-03
	352-0206-04			1		HLDR, TERM CONN: 10 WIRE YELLOW	80009	352-0206-04
-26	131-0621-00			8		CONNECTOR, TERM: 22-26 AWG, BRS & CU BE GOLD	22526	46231
	131-0622-00			1		CONTACT, ELEC: 0.577" L, 28-32 AWG WIRE	22526	46241
	131-0792-00			1		CONNECTOR, TERM: 18-20 AWG, CU BE GOLD PL	22526	46221
-27	343-0670-00			1		CLAMP, CRT: (ATTACHING PARTS)	80009	343-0670-00
-28	129-0640-00			1		SPACER, POST: 0.75 L, W/6-32 THD ONE END, AL	80009	129-0640-00
-29	212-0100-00			1		SCREW, MACHINE: 8-32 X 0.625 INCH, HEX. HD, STL - - - * - - -	83385	OBD
-30	343-0665-00	B010100	B010214	1		CLAMP, CRT: NECK	80009	343-0665-00
	343-0777-00	B010215		1		CLAMP, NECK, CRT: NYLON, BLACK (ATTACHING PARTS)	80009	343-0777-00
-30.1	343-0808-00	XB010215		1		CLAMP, HOSE: 0.75 ID SST, NON MAGNETIC	81646	6320
-31	211-0513-00	B010100	B010214X	1		SCREW, MACHINE: 6-32 X 0.625 INCH, PNH STL	83385	OBD
-32	210-0803-00	B010100	B010214X	1		WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-33	210-0457-00	B010100	B010214X	1		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-34	343-0664-00			1		CLAMP, CRT: YOKE (ATTACHING PARTS)	80009	343-0664-00
-35	211-0513-00	B010100	B042266	1		SCREW, MACHINE: 6-32 X 0.625 INCH, PNH STL	83385	OBD
	211-0514-00	B042267		1		SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL	83385	OBD
	211-0514-00	XB012021		1		SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL (OPTION 31 ONLY)	83385	OBD
-36	210-0803-00			1		WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-37	210-0457-00			1		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-38	253-0137-00			AR		RL TAPE: 1.25W X 4.5 INCH L, ADH, SIL RBR	99742	2650
	361-0953-01	XB012021		1		SPCR, DEFL YOKE: 2.05 X 1.184 ID X 1.475 OD	80009	361-0953-01
	-----			-		(OPTION 31 ONLY)		

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
2-39	-----		1						COIL,TUBE DEFLE:(SEE L5022A,B REPL)		
-40	131-0621-00		6						. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-41	352-0199-04		1						. CONN BODY,PL,EL:3 WIRE YELLOW	80009	352-0199-04
	352-0199-05		1						. CONN BODY,PL,EL:3 WIRE GREEN	80009	352-0199-05
-42	200-2357-00	B010100 B012320	1						COVER,CKT BOARD:POLYCARBONATE	80009	200-2357-00
	200-2357-01	B012321	1						COVER,CKT BOARD:POLYCARBONATE	80009	200-2357-01
	200-2357-01	XB012021	1						COVER,CKT BOARD:POLYCARBONATE	80009	200-2357-01
	-----		-						(OPTION 31 ONLY)		
									(ATTACHING PARTS)		
-43	211-0504-00		2						SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
	211-0244-00	XB012021	2						SCR,ASSEM WSHR:4-40 X 0.312 INCH,PNH STL	78189	OBD
	-----		-						(OPTION 31 ONLY)		
									- - - - *		
-44	334-2255-00		1						MARKER,IDENT:DANGER 500V	80009	334-2255-00
-45	-----		1						CKT BOARD ASSY:HARD COPY AMP(SEE A14 REPL)		
									(ATTACHING PARTS)		
-46	129-0565-00		2						POST,ELEC-MECH:1.281 L,W/6-32 THD,AL	80009	129-0565-00
	129-0457-00	XB012021	2						SPACER,POST:1.07L,W/4-40 TAP 1 END	80009	129-0457-00
	-----		-						(OPTION 31 ONLY)		
-47	343-0401-01		2						RETAINER,CLIP:W/ADHESIVE BACK,GRAY	80009	343-0401-01
	-----		-						(OPTION 31 ONLY)		
									- - - - *		
									CKT BOARD ASSY INCLUDES:		
-48	131-0589-00		34						. TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
-49	214-0579-00		4						. TERM,TEST POINT:BRS CD PL	80009	214-0579-00
-50	210-1014-00		1						. WASHER,NONMETAL:0.094 ID X 0.312" OD,TEFLON	80009	210-1014-00
-51	352-0125-00		1						. HOLDER,TOROID:MOLD ACETAL	80009	352-0125-00
-52	214-0506-00		1						. CONTACT,ELEC:0.045 SQ X 0.375 INCH L	80009	214-0506-00
	198-3444-00		1						WIRE SET,ELEC:	80009	198-3444-00
-53	175-0828-00		AR						. WIRE,ELECTRICAL:5 WIRE RIBBON	08261	SS-0526-710610C
-54	175-0830-00		AR						. WIRE,ELECTRICAL:7 WIRE RIBBON	08261	SS-0726-710610C
-54.1	175-1020-00		AR						. CABLE,RF:50 OHM COAX,WHT POLYTHN JKT	90484	DAB70JAAAWHITE
-55	131-0621-00		10						. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-56	131-0622-00		1						. CONTACT,ELEC:0.577"L,28-32 AWG WIRE	22526	46241
	131-0707-00		2						. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
	131-0792-00		2						. CONNECTOR,TERM:18-20 AWG,CU BE GOLD PL	22526	46221
-56.1	343-0549-00		3						. STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-57	352-0169-00		1						. HLDR,TERM CONN:2 WIRE BLACK	80009	352-0169-00
-58	352-0198-00		1						. HLDR,TERM CONN:2 WIRE BLACK	80009	352-0198-00
-59	352-0201-01		1						. CONN BODY,PL,EL:5 WIRE BROWN	80009	352-0201-01
	352-0201-03		1						. CONN BODY,PL,EL:5 WIRE ORANGE	80009	352-0201-03
-60	352-0203-02		1						. CONN BODY,PL,EL:7 WIRE ORANGE	80009	352-0203-02
	352-0203-04		1						. CONN BODY,PL,EL:7 WIRE YELLOW	80009	352-0203-04
-61	343-0661-00		2						CLAMP,LOOP:0.250 DIA,STEEL CAD PLATE	000ER	S4199BL-CHROMATE
									(ATTACHING PARTS)		
-62	129-0458-00		2						POST,ELEC-MECH:6-32 X 0.25 HEX. X 0.487" L	80009	129-0458-00
-63	210-0457-00		2						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL	83385	OBD
									- - - - *		
	175-2676-00		1						CA ASSY,SP,ELEC:50 OHM COAX,5,26 AWG,7,26	80009	175-2676-00
-63.1	175-0828-00		AR						. WIRE,ELECTRICAL:5 WIRE RIBBON	08261	SS-0526-710610C
-63.2	175-0830-00		AR						. WIRE,ELECTRICAL:7 WIRE RIBBON	08261	SS-0726-710610C
-63.3	175-1020-00		AR						. CABLE,RF:50 OHM COAX,WHT POLYTHN JKT	90484	DAB70JAAAWHITE
-63.4	131-0621-00		24						. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
	131-0622-00		1						. CONTACT,ELEC:0.577"L,28-32 AWG WIRE	22526	46241
	131-0792-00		1						. CONNECTOR,TERM:18-20 AWG,CU BE GOLD PL	22526	46221
-63.5	131-0708-00		1						. CONTACT,ELEC:0.48"L,28-32 AWG WIRE	22526	47437
-63.6	131-2428-00		1						. CONN PLUG,ELEC:18-20 AWG,BRS& CU BE GOLD	22526	47441
-63.7	343-0549-00		6						. STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-63.8	352-0169-00		1						. HLDR,TERM CONN:2 WIRE BLACK	80009	352-0169-00
-63.9	352-0198-00		1						. HLDR,TERM CONN:2 WIRE BLACK	80009	352-0198-00
63.10	352-0201-01		1						. CONN BODY,PL,EL:5 WIRE BROWN	80009	352-0201-01
	352-0201-03		1						. CONN BODY,PL,EL:5 WIRE ORANGE	80009	352-0201-03
63.11	352-0203-02		1						. CONN BODY,PL,EL:7 WIRE ORANGE	80009	352-0203-02
	352-0203-04		1						. CONN BODY,PL,EL:7 WIRE YELLOW	80009	352-0203-04
-64	337-2383-00		1						SHIELD,CRT:FRONT	80009	337-2383-00
	337-2951-00	XB012021	1						SHIELD,CRT:		
	-----		-						(OPTION 31 ONLY)		
-64.1	162-0573-00		2						INSUL SLVG,ELEC:HT SHRINK,1.0 ID	06090	RFR-1-01D

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
2-65	337-2384-00		1		SHIELD,CRT:REAR	80009	337-2384-00
	337-2943-00	XB012021	1		SHIELD,CRT:REAR		
	-----		-		(OPTION 31 ONLY)		
-65.1	348-0145-00	XB012021	1		GROMMET,PLASTIC:U-SHP,1.0 X 0.42 INCH	80009	348-0145-00
	-----		-		(OPTION 31 ONLY)		
	210-3073-00		16		RIVET,BLIND:0.265 L X 0.125 ID STEEL	07707	SD-42-BS
	210-1282-00		16		WASHER,FLAT:0.130 ID X 0.06 THK,STEEL	07707	S-BBUP-4
					- - - * - - -		
-66	255-0334-00		AR		PLASTIC CHANNEL:12.75 X 0.175X 0.155,NYL	11897	122-37-2500
-67	344-0318-00		2		CLIP,CRT BRKT:STEEL	80009	344-0318-00
					(ATTACHING PARTS)		
-68	210-0457-00		2		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL	83385	OBD
					- - - * - - -		
-69	426-1359-00		1		FRAME,CRT MDL:	80009	426-1359-00
	426-1877-00	XB012021	1		FRAME,CRT MDL:		
	-----		-		(OPTION 31 ONLY)		
-70	343-0853-00		1		CLAMP,LOOP:0.5 DIA,NYLON	000GY	021-0500
-71	344-0322-00		2		CLIP,CRT MASK:COPPER BERYLLIUM	80009	344-0322-00
					(ATTACHING PARTS)		
-72	213-0001-00		2		SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-73	210-0016-00		2		WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL	77339	6507
					- - - * - - -		
-74	-----		AR		PLASTIC STRIP:PRESS,SENS,ADH CTD BS		
-75	386-4055-00		1		PLATE,SUPPORT:	80009	386-4055-00
					(ATTACHING PARTS)		
-76	210-0458-00		2		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD
					- - - * - - -		
-77	122-1015-00		1		BRACE,CRT FRAME:ALUMINUM	80009	122-1015-00
					(ATTACHING PARTS)		
-78	213-0001-00		1		SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-78.1	210-0016-00		1		WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL	77339	6507
-79	210-0458-00		2		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD
					- - - * - - -		
-80	386-4168-00		1		SPRT,CRT ASSY:	80009	386-4168-00
-81	334-3474-00		1		OVERLAY,KYBD:BLANK	80009	334-3474-00
-82	333-2496-00		1		PANEL,FRONT:	80009	333-2496-00
					(ATTACHING PARTS)		
-83	211-0019-00		12		SCREW,MACHINE:4-40 X 1.0 INCH,PNH STL	83385	OBD
					- - - * - - -		
-84	119-1050-00		1		KEYBOARD,CALC:	01963	B80-13AC
					(ATTACHING PARTS)		
-85	211-0542-00		2		SCREW,MACHINE:6-32 X 0.312 INCH,TRH STL	83385	OBD
-86	210-0803-00		2		WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL	12327	OBD
-87	210-0009-00		2		WASHER,LOCK:EXT,0.193ID X0.40" OD,STL	78189	1110-00
					- - - * - - -		
-88	260-1393-01		2		. SWITCH,PUSH:SPST,NO,KYBD SW,HIGH ACTG F	01963	M51-0101
-89	118-0081-00		1		. SWITCH,PUSH:4051 KEYBOARD	01963	M61-0800
-90	260-1393-00		95		. SWITCH,PUSH:SPST,NO KEYBOARD SWITCH	01963	M61-0100
-91	119-0423-00		1		. SPACE BAR ASSY:	01963	B99-0003
-92	366-1790-02		1		. PUSH BUTTON:GOLD,HOME PAGE	01963	223-0201
	366-1790-01		1		. PUSH BUTTON:TV GRAY,LEFT BRACE/LEFT BRKT	01963	223-0187
	366-1766-05		1		. PUSH BUTTON:LT GRAY,!/1	01963	223-0094
	366-1790-18		1		. PUSH BUTTON:TEK TAN,"/2	80009	366-1790-18
	366-1766-03		1		. PUSH BUTTON:LT GRAY,#/3	01963	223-0096
	366-1766-02		1		. PUSH BUTTON:LT GRAY,\$/4	01963	223-0097
	366-1766-12		1		. PUSH BUTTON:LT GRAY,%/5	01963	223-0098
	366-1790-22		1		. PUSH BUTTON:TEK TAN,&/6	01963	223-0181
	366-1790-21		1		. PUSH BUTTON:TEK TAN '/7	01963	223-0182
-93	366-1790-19		1		. PUSH BUTTON:TEK TAN,(/8	01963	223-0183
	366-1790-20		1		. PUSH BUTTON:TEK TAN,)/9	01963	223-0184
	366-1790-17		1		. PUSH BUTTON:TEK TAN,0	01963	223-0190
	366-1790-16		1		. PUSH BUTTON:TEK TAN,*:/	01963	223-0185
	366-1790-15		1		. PUSH BUTTON:TEK TAN,=-/	01963	223-0186
	366-1790-14		1		. PUSH BUTTON:TV GRAY,RIGHTBRACE/RIGHT	01963	223-0188

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number		
2-	366-1790-13		1	.					PUSH BUTTON:TV GRAY,BACK SPACE	01963	223-0191		
	366-1790-12		1	.					PUSH BUTTON:TV GRAY,ESC	01963	223-1128		
	366-1790-11		1	.					PUSH BUTTON:TV GRAY,TILDE/ARROW UP	01963	223-1129		
	366-1766-63		1	.					PUSH BUTTON:LT GRAY,Q	01963	223-1068		
	366-1766-20		1	.					PUSH BUTTON:LT GRAY,W	01963	223-1069		
	366-1766-52		1	.					PUSH BUTTON:LT GRAY,E	01963	223-1070		
	366-1766-64		1	.					PUSH BUTTON:LT GRAY,R	01963	223-1071		
	366-1766-65		1	.					PUSH BUTTON:LT GRAY,T	01963	223-1072		
	366-1766-70		1	.					PUSH BUTTON:LT GRAY,Y	01963	223-1073		
	366-1766-67		1	.					PUSH BUTTON:LT GRAY,U	01963	223-1074		
	366-1766-43		1	.					PUSH BUTTON:DK GRAY,I	01963	223-1075		
	366-1766-61		1	.					PUSH BUTTON:LT GRAY,O	01963	223-1076		
	366-1766-62		1	.					PUSH BUTTON:LT GRAY,P	01963	223-1077		
	366-1790-10		1	.						PUSH BUTTON:TEK TAN,@/BACK SPACE	01963	223-1130	
	366-1790-09		1	.						PUSH BUTTON:TV GRAY,LF	01963	223-1131	
	366-1790-08		1	.						PUSH BUTTON:TV GRAY,RETURN	01963	223-5554	
	366-1790-07		1	.						PUSH BUTTON:TV GRAY,TAB	01963	228-2016	
	366-1766-42		1	.						PUSH BUTTON:DK GRAY,CTRL	01963	228-3106	
	366-1766-48		1	.						PUSH BUTTON:LT GRAY,A	01963	228-6703	
	366-1766-66		1	.						PUSH BUTTON:LT GRAY,S	01963	228-6704	
	366-1766-51		1	.						PUSH BUTTON:LT GRAY,D	01963	228-6705	
	366-1766-53		1	.						PUSH BUTTON:LT GRAY,F	01963	228-5921	
	366-1766-54		1	.						PUSH BUTTON:LT GRAY,G	01963	228-6707	
	366-1766-55		1	.						PUSH BUTTON:LT GRAY,H	01963	228-6708	
	366-1766-56		1	.						PUSH BUTTON:LT GRAY,J	01963	228-5922	
	366-1766-57		1	.						PUSH BUTTON:LT GRAY,K	01963	228-6710	
	366-1766-58		1	.						PUSH BUTTON:LT GRAY,L	01963	228-6711	
	366-1790-06		1	.						PUSH BUTTON:TEK TAN,+;/	01963	228-6712	
	366-1790-05		1	.						PUSH BUTTON:TV GRAY,BACK SLASH/'	01963	228-6674	
	366-1790-04		1	.						PUSH BUTTON:TV GRAY,RUB OUT	01963	228-6887	
	-94	366-1790-03		1	.					PUSH BUTTON:TV GRAY,TTY LOCK	01963	223-2106	
		366-1766-29		1	.					PUSH BUTTON:DK GRAY,SHIFT	01963	223-4502	
		366-1766-71		1	.					PUSH BUTTON:LT GRAY,Z	01963	223-2056	
		366-1766-69		1	.					PUSH BUTTON:LT GRAY,X	01963	223-2057	
		366-1766-50		1	.					PUSH BUTTON:LT GRAY,C	01963	223-2058	
		366-1766-68		1	.					PUSH BUTTON:LT GRAY,V	01963	223-2059	
		366-1766-49		1	.					PUSH BUTTON:LT GRAY,B	01963	223-2060	
		366-1766-60		1	.					PUSH BUTTON:LT GRAY,N	01963	223-2061	
		369-1766-59		1	.						PUSH BUTTON:LT GRAY,M	01963	028-6719
		366-1766-28		1	.						PUSH BUTTON:LT GRAY,</,	01963	223-2064
		366-1766-27		1	.						PUSH BUTTON:LT GRAY,>/.	01963	223-2064
		366-1766-26		1	.						PUSH BUTTON:DK GRAY,?/SLASH	01963	223-2065
		366-1766-29		1	.						PUSH BUTTON:DK GRAY,SHIFT	01963	223-4502
		366-1790-00		1	.						PUSH BUTTON:GOLD,BREAK	01963	223-2105
		366-1790-23		1	.						PUSH BUTTON:TV GRAY,(	01963	228-6675
		366-1790-24		1	.						PUSH BUTTON:TEK TAN,ENTEREXP	01963	228-6889
		366-1790-23		1	.						PUSH BUTTON:TV GRAY,(	01963	228-6675
366-1790-26			1	.						PUSH BUTTON:TV GRAY,ARROWUP	01963	228-6676	
366-1790-27			1	.						PUSH BUTTON:TEK TAN,7	01963	228-6723	
366-1790-28			1	.						PUSH BUTTON:TEK TAN,8	01963	228-6724	
366-1790-29			1	.						PUSH BUTTON:TEK TAN,9	01963	228-6725	
366-1790-30			1	.						PUSH BUTTON:TV GRAY,/	01963	228-6677	
366-1790-41			1	.						PUSH BUTTON:TEK TAN,4	01963	228-6726	
366-1790-40			1	.						PUSH BUTTON:TEK TAN,5	01963	228-3615	
366-1790-29			1	.						PUSH BUTTON:TEK TAN,9	01963	228-6725	
366-1790-38			1	.						PUSH BUTTON:TV GRAY,*	01963	228-6890	
366-1790-37			1	.						PUSH BUTTON:TEK TAN,1	01963	228-6728	
366-1790-36			1	.						PUSH BUTTON:TEK TAN,2	01963	228-6729	
366-1790-35			1	.						PUSH BUTTON:TEK TAN,3	01963	228-6730	
366-1790-34			1	.						PUSH BUTTON:TV GRAY,-	01963	228-6678	
366-1790-33			1	.						PUSH BUTTON:TEK TAN,0	01963	228-0136	
366-1790-32			1	.						PUSH BUTTON:TEK TAN,.	01963	228-6731	
366-1790-31			1	.						PUSH BUTTON:TV GRAY,+	01963	228-6679	
-95		366-1502-00		10						PUSH BUTTON:BLANK,LIGHT GRAY	80009	366-1502-00	
-96		366-1671-00		10						PUSH BUTTON:BLANK,DARK GRAY	80009	366-1671-00	
		198-4109-00		1						WIRE SET,ELEC:	80009	198-4109-00	

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
2-97	343-0298-00			1						CLAMP, LOOP: PLASTIC, W/ADHESIVE BACK	95987	HPC25
-98	407-1463-01			1						BRACKET, ANGLE: HIGH VOLTAGE XFMR, ALUMINUM (ATTACHING PARTS)	80009	407-1463-01
-99	211-0008-00			2						SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL	83385	OBD
-100	210-0054-00			2						WASHER, LOCK: SPLIT, 0.118 ID X 0.212"OD STL - - - * - - -	83385	OBD
-101	-----			2						RESISTOR, VAR: (SEE R5003, R5004 REPL) (ATTACHING PARTS)		
-102	210-0465-00			2						NUT, PLAIN, HEX.: 0.25-32 X 0.375 INCH BRS	73743	3095-402
-103	210-0011-00			2						WASHER, LOCK: 0.25 ID, INTL, 0.025 THK STL - - - * - - -	000BK	OBD
-104	366-1814-00			2						KNOB: 0.127 ID X 1.05 OD X 0.297	80009	366-1814-00
	175-2662-00			1						CA ASSY, SP, ELEC: 4, 26 AWG, 7.0 L, RIBBON	80009	175-2662-00
-105	131-0707-00			10						. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
105.1	131-0965-00			3						. CONTACT, ELEC: 0.25" SQ, 22-26 AWG WIRE	22526	47792
-106	352-0176-00			1						. CONN BODY, PL, EL: 4 WIRE, DBL ROW BLACK	80009	352-0176-00
-107	175-0827-00			AR						. CABLE, SP, ELEC: 4, 26 AWG, STRD, PVC JKT, RBN	08261	SS04267(1061)OC
-108	650-0292-00	XB011110		1						RELAY ASSY: (ATTACHING PARTS)	80009	650-0292-00
-109	211-0614-00	XB011110		2						SCR, ASSEM WSHR: 6-32 X 0.250 PNH, STL CD PL - - - * - - -	83385	OBD
-110	348-0253-00			1						GROMMET, PLASTIC: BLACK, OBLONG, 3.0X0.925	80009	348-0253-00

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
3-1	386-4159-00			1						SUPPORT,CKT BD:FRONT,AL (ATTACHING PARTS)	80009	386-4159-00
-2	213-0001-00			2						SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-3	210-0016-00			2						WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL	77339	6507
										- - - * - - -		
-4	386-4162-02			1						SUPPORT,CKT BD:LEFT,AL	80009	386-4162-02
-5	386-4162-01			1						SUPPORT,CKT BD:RIGHT,AL (ATTACHING PARTS)	80009	386-4162-01
-6	211-0510-00			6						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-7	211-0553-00			7						SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL	83385	OBD
										- - - * - - -		
-8	386-4315-00			1						SUPPORT,CKT BD:AL (ATTACHING PARTS)	80009	386-4315-00
-9	211-0510-00			6						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-10	211-0553-00			2						SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL	83385	OBD
-10.1	211-0559-00			1						SCREW,MACHINE:6-32 X 0.375"100 DEG,FLH STL	83385	OBD
										- - - * - - -		
-11	386-4158-00			1						SUPPORT,CKT BD:REAR,AL (ATTACHING PARTS)	80009	386-4158-00
-12	211-0553-00			7						SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL	83385	OBD
										- - - * - - -		
-13	386-4316-00			2						SUPPORT,CKT BD:EDGE,POLYCARBONATE	80009	386-4316-00
-14	-----			2						TRANSISTOR:(SEE Q5001,Q5002 REPL) (ATTACHING PARTS)		
-15	211-0012-00			2						SCREW,MACHINE:4-40 X 0.375,PNH STL CD PL	83385	OBD
-16	210-1171-00			2						WSHR,SHOULDERED:0.116 ID X 0.138 INCH OD	52905	A7148516P2
										- - - * - - -		
-17	342-0202-00			2						INSULATOR,PLATE:TRANSISTOR	01295	10-21-023-106
	175-2665-00			1						CA ASSY,SP,ELEC:3,22 AWG,9.0 L (Q5002 TO J118 ON I/O BOARD)	80009	175-2665-00
	-----									-		
-18	131-0621-00			3						CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-19	352-0199-08			1						HLDR,TERM CONN:3 WIRE GRAY	80009	352-0199-08
-20	131-1815-00			3						CONTACT,ELEC:22-30 AWG,FEMALE,BRASS	27264	08-56-0110
-21	204-0678-00			1						CONN BODY,PL,EL:FOR 3 FEMALE CONTACTS	27264	10-17-2032
-22	175-0862-00			AR						WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
	175-2669-00			1						CA ASSY,SP,ELEC:3,22 AWG,9.0 L (Q5001 TO J117 ON I/O BOARD)	80009	175-2669-00
	-----									-		
-22.1	131-0621-00			3						CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-22.2	352-0199-07			1						HLDR,TERM CONN:3 WIRE VIOLET	80009	352-0199-07
-22.3	131-1815-00			3						CONTACT,ELEC:22-30 AWG,FEMALE,BRASS	27264	08-56-0110
-22.4	204-0678-00			1						CONN BODY,PL,EL:FOR 3 FEMALE CONTACTS	27264	10-17-2032
-22.5	175-0862-00			AR						WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
-23	175-2702-00			2						CA ASSY,SP,ELEC:40,28 AWG,24.5 L	80009	175-2702-00
	175-2701-00			1						CA ASSY,SP,ELEC:34,28 AWG,22.5 L	22526	80578-001
-24	-----			1						CKT BOARD ASSY:ALU(SEE A4 REPL)		
-25	136-0634-00	B010100	B011858	1						SOCKET,PLUG-IN:20 LEAD DIP,CKT BD MTG	73803	CS9002-20
	136-0752-00	B011859		1						SKT,PL-IN ELEK:MICROCIRCUIT,20 DIP	09922	DILB20P-108
-26	131-0608-00			50						TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
-27	136-0578-00			7						SKT,PL-IN ELEK:MICROCKT,24 PIN,LOW PROFILE	73803	C S9002-24
-28	136-0623-00			4						SOCKET,PLUG-IN:40 DIP,LOW PROFILE	73803	CS9002-40
-29	129-0753-00			1						SPACER,POST:0.413 L,W/6-32 THRU THD,BRS (ATTACHING PARTS)	80009	129-0753-00
										- - - * - - -		
-30	200-2486-00			1						CAP.,INSULATING:0.187 OD,BLACK,VINYL	15819	.187-4 TRIMLINE
										- - - * - - -		
-31	361-0562-00			5						SPACER,SLEEVE:0.156 ID X 0.25 OD X 0.375	80009	361-0562-00
-31.1	361-0007-00	XB011067		1						SPACER,SLEEVE:0.250 INCH DIA,PLASTIC	80009	361-0007-00
-32	129-0750-00			2						SPACER,POST:1.073 L,W/6-32 THD EA END,AL	80009	129-0750-00
-33	136-0260-02	B010100	B011858	3						SKT,PL-IN ELEK:MICROCIRCUIT,16 DIP,LOW CLE	71785	133-51-92-008
	136-0729-00	B011859		3						SKT,PL-IN ELEK:MICROCKT,16 CONTACT	09922	DILB16P-108T
-34	131-1844-00			2						CONN,RCPT,ELEC:CKT CARD,2/21 CONT	00779	2-86415-4
-35	131-0993-00			1						BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-36	-----			1						CKT BOARD ASSY:MCP(SEE A5 REPL)		
-37	131-0608-00			79						TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
-38	131-1717-01			1						CONN,RCPT,ELEC:CKT BD,2 X 42,FEMALE	00779	3-86018-4
-38.1	131-2448-00	B010100	B010418	1						TERM SET,PIN:7 MALE CONTACTS	27264	09-61-1071
	131-2527-00	B010419		1						TERM SET,PIN:HEADER,1 X 7,0.156 CTR	27264	09-61-1076

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
3-39	361-0562-00			8	.					SPACER, SLEEVE:0.156 ID X 0.25 OD X 0.375	80009	361-0562-00
-40	129-0753-00			2	.					SPACER, POST:0.413 L, W/6-32 THRU THD, BRS (ATTACHING PARTS)	80009	129-0753-00
-41	211-0558-00			2	.					SCREW, MACHINE:6-32 X 0.250 BDGH, NYL, SLOT	26365	921-1150-0014
-42	131-2250-00	B010100	B010418	2	.					CONN, RCPT, ELEC:CKT BD, 5 MALE	27264	09-61-1053
	131-2528-00	B010419		1	.					TERM SET, PIN:10 MALE CONTACTS, POLARIZED (A5J259)	27264	09-61-1106
-43	131-1465-00			2	.					CONNECTOR, RCPT, :34 RT ANGEL CONT (ATTACHING PARTS)	20999	3431-1002
-44	211-0159-00			4	.					SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL	87308	OBD
-45	210-0405-00			4	.					NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS	73743	12157-50
	175-2645-00	XB010419		1	CA	ASSY, SP, ELEC:10, 18 AWG, 27.0 L RIBBON (A2J29 TO A5J259)					80009	175-2645-00
-45.1	131-1790-00	XB010419		20	.					CONTACT, ELEC:18-24 AWG, FEMALE, BRASS	27264	08-56-0105
-45.2	175-5061-00	XB010419		AR	.					CABLE, SP, ELEC:10, 18 AWG, RIBBON	08261	SS101819(1007)-X
-45.3	352-0462-00	XB010419		2	.					HLDR, TERM. CONN:10 FEMALE, NYLON	27264	09-50-7101
-46				1	CKT	BOARD ASSY:MAS(SEE A6 REPL)						
-46.1	129-0150-00	XB012136		1	.					SPACER, POST:3.938 L X 0.25, W/4-40 INT	80009	129-0150-00
-46.2	386-4316-00	XB012136		1	.					SUPPORT, CKT BD:EDGE, POLYCARBONATE (ATTACHING PARTS)	80009	386-4316-00
-46.3	210-0994-00	XB012136		2	.					WASHER, FLAT:0.125 ID X 0.25" OD, STL	86928	5702-201-20
-46.4	211-0097-00	XB012136		2	.					SCREW, MACHINE:4-40 X 0.312 INCH, PNH STL	83385	OBD
-47	136-0634-00	B010100	B012539	2	.					SOCKET, PLUG-IN:20 LEAD DIP, CKT BD MTG	73803	CS9002-20
	136-0752-00	B012540		2	.					SKT, PL-IN ELEK:MICROCIRCUIT, 20 DIP	09922	DILB20P-108
-48	136-0260-02	B010100	B011858	19	.					SKT, PL-IN ELEK:MICROCIRCUIT, 16 DIP, LOW CLE	71785	133-51-92-008
	136-0729-00	B011859		19	.					SKT, PL-IN ELEK:MICROCKT, 16 CONTACT	09922	DILB16P-108T
-49	131-0993-00			3	.					BUS, CONDUCTOR:2 WIRE BLACK	00779	850100-01
-50	136-0694-00	B010100	B012539	2	.					SKT, PL-IN ELEK:MICROCIRCUIT, 28 CONTACT	73803	CS9002-28
	136-0755-00	B012540		2	.					SKT, PL-IN ELEK:MICROCIRCUIT, 28 DIP	09922	DILB28P-108
-51	136-0578-00	B010100	B011858	8	.					SKT, PL-IN ELEK:MICROCKT, 24 PIN, LOW PROFILE	73803	C S9002-24
	136-0751-00	B011859		8	.					SKT, PL-IN ELEK:MICROCKT, 24 PIN	09922	DILB24P108
-52	129-0747-00			8	.					SPACER POST:0.633 L, W/6-32 THRU THD, AL	80009	129-0747-00
-53	131-1857-00			2	.					TERM. SET, PIN:36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
-54	129-0435-00			2	.					SPACER, POST:0.625 L, W-6-32 THD THRU, BRS (ATTACHING PARTS)	80009	129-0435-00
-55	211-0558-00			2	.					SCREW, MACHINE:6-32 X 0.250 BDGH, NYL, SLOT	26365	921-1150-0014
-56	131-1717-01			1	.					CONN, RCPT, ELEC:CKT BD, 2 X 42, FEMALE	00779	3-86018-4
-57	131-1465-00			2	.					CONNECTOR, RCPT, :34 RT ANGEL CONT (ATTACHING PARTS)	20999	3431-1002
-58	211-0159-00			4	.					SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL	87308	OBD
-59	210-0405-00			4	.					NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS	73743	12157-50
-60	175-2700-00			2	CA	ASSY, SP, ELEC:34, 28 AWG, 3.5 L					80009	175-2700-00
-61				1	CKT	BOARD ASSY:I/O(SEE A7 REPL)						
-62	131-1844-00			2	.					CONN, RCPT, ELEC:CKT CARD, 2/21 CONT	00779	2-86415-4
-63	131-2250-00			1	.					CONN, RCPT, ELEC:CKT BD, 5 MALE	27264	09-61-1053
-64	344-0154-00			4	.					CLIP, ELECTRICAL:FUSE, CKT BD MT	80009	344-0154-00
-65	131-0608-00			1	.					TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
-66	129-0747-00			6	.					SPACER POST:0.633 L, W/6-32 THRU THD, AL	80009	129-0747-00
-67	131-2215-01			2	.					CONN, RCPT, ELEC:CKT BD, 4 CONT, MALE (ATTACHING PARTS)	75037	3495-1002
	211-0159-00			4	.					SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL	87308	OBD
	210-0405-00			4	.					NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS	73743	12157-50
-68	129-0435-00			1	.					SPACER, POST:0.625 L, W-6-32 THD THRU, BRS (ATTACHING PARTS)	80009	129-0435-00
-69	211-0558-00			1	.					SCREW, MACHINE:6-32 X 0.250 BDGH, NYL, SLOT	26365	921-1150-0014
-70	131-0993-00			1	.					BUS, CONDUCTOR:2 WIRE BLACK	00779	850100-01
-71	131-0589-00			15	.					TERMINAL, PIN:0.46 L X 0.025 SQ	22526	48283-029
-72	136-0623-00			3	.					SOCKET, PLUG-IN:40 DIP, LOW PROFILE	73803	CS9002-40
-73	131-1857-00			1	.					TERM. SET, PIN:36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
3-74	131-1465-00		2	.	CONNECTOR,RCPT,:34	RT	ANGEL	CONT	(ATTACHING PARTS)	20999	3431-1002
-75	211-0159-00		4	.	SCREW,MACHINE:2-56	X	0.375	INCH,PNH	STL	87308	OBD
-76	210-0405-00		4	.	NUT,PLAIN,HEX.:2-56	X	0.188	INCH,BRS		73743	12157-50
							*				
-77	175-2701-00		1	CA	ASSY,SP,ELEC:34,28	AWG,22.5	L			22526	80578-001

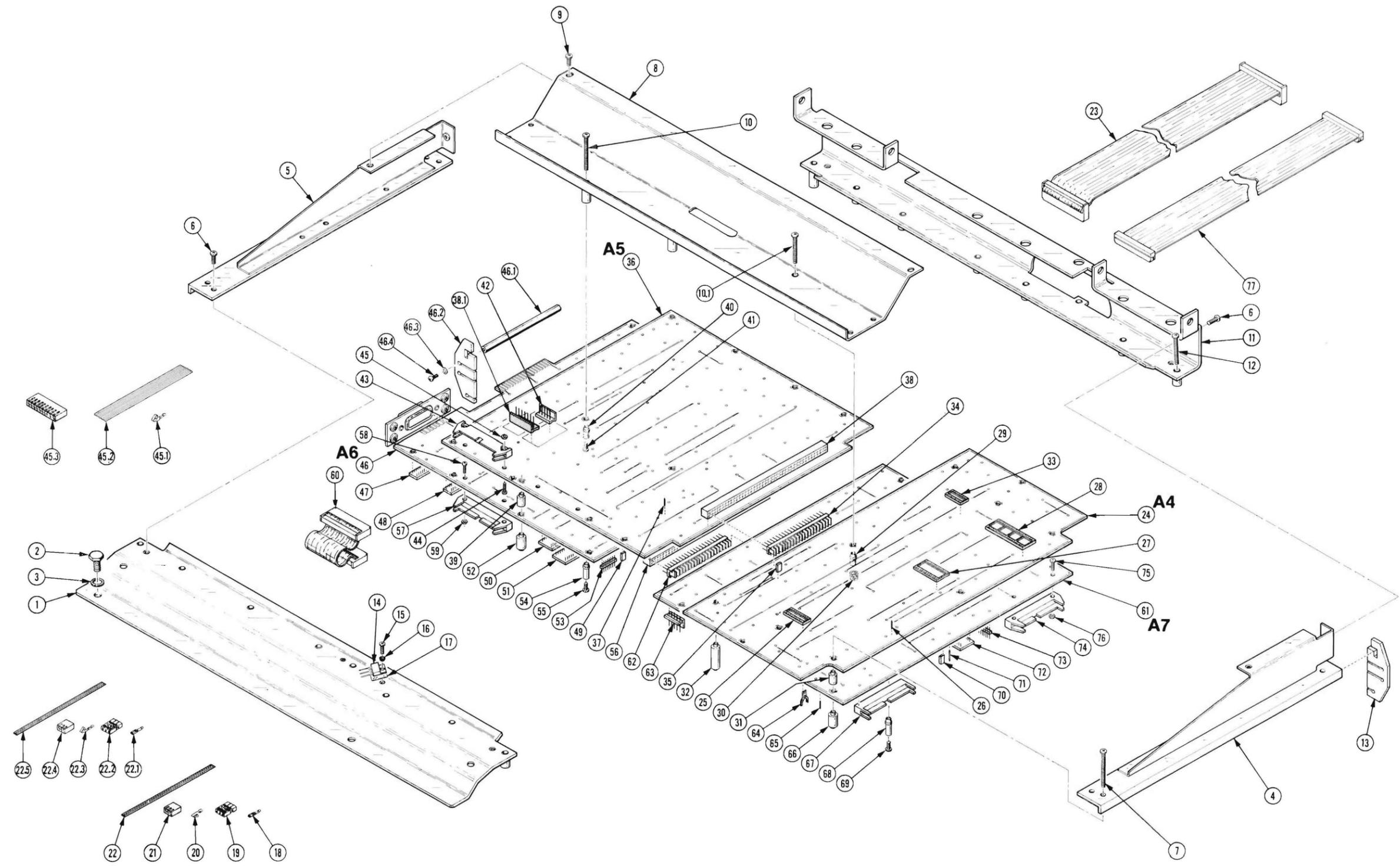
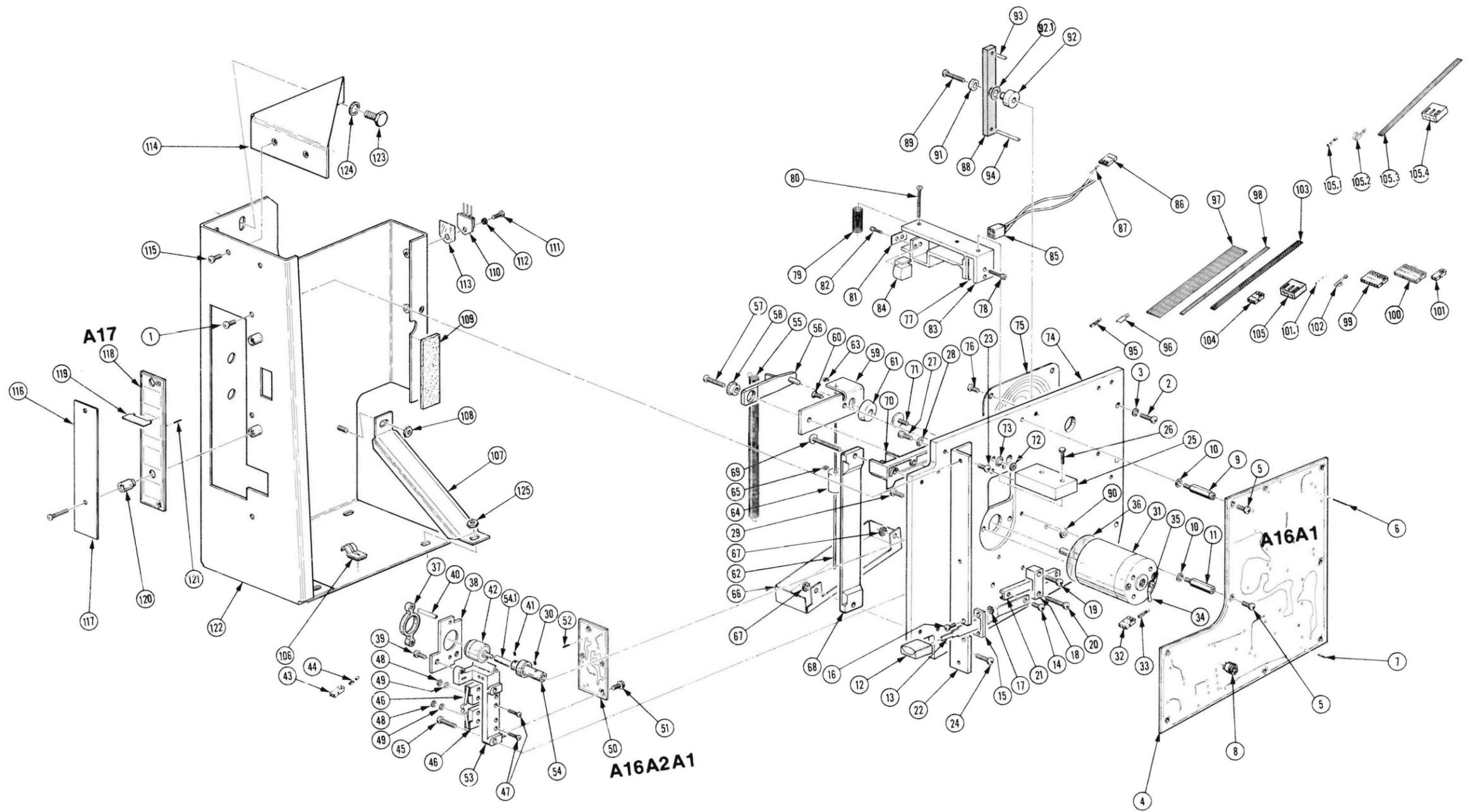


FIG. 3 CIRC ASSE

FIG. 4 TAPE DRIVE



REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-	119-0708-03	B010100	B010464	1						DRIVE,MAG TAPE:	80009	119-0708-03
	119-0708-04	B010465	B011949	1						DRIVE,MAG TAPE:	80009	119-0708-04
	119-0708-05	B011950		1						DRIVE,MAG TAPE:	80009	119-0708-05
										(ATTACHING PARTS)		
-1	211-0511-00			1						SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL	83385	OBD
-2	211-0507-00			3						SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-3	210-0458-00			3						NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD
										- - - * - - -		
-4	-----			1						. CKT BOARD ASSY:TAPE DRIVER(SEE A16A1 REPL)		
										(ATTACHING PARTS)		
-5	211-0507-00			8						. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
										- - - * - - -		
-6	131-0589-00			12						. . TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
-7	131-0608-00			60						. . TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
-8	136-0237-00			2						. . SOCKET,PLUG-IN:8 CONTACT,ROUND	71785	133-98-12-062
-9	129-0539-00			7						. POST,ELEC-MECH:6-32 THD EXT/INT,1.250 L	80009	129-0539-00
-10	210-0055-00			3						. WASHER,LOCK:SPLIT,0.145 ID X 0.253 OD,STL	83385	OBD
-11	129-0295-00			1						. SPACER,POST:0.250 HEX X 0.894 INCH L,AL	80009	129-0295-00
-12	366-1629-01			1						. PUSH BUTTON:GRAY,EJECT	80009	366-1629-01
-13	214-2316-00			1						. LVR,CRTG EJECT:4.875 L,ALUMINUM	80009	214-2316-00
										(ATTACHING PARTS)		
-14	213-0054-00			1						. SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL	93907	OBD
										- - - * - - -		
-15	351-0455-00			1						. GUIDE,LEVER:EJECT	80009	351-0455-00
										(ATTACHING PARTS)		
-16	211-0012-00			2						. SCREW,MACHINE:4-40 X 0.375,PNH STL CD PL	83385	OBD
-17	210-0586-00			2						. NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL	83385	OBD
										- - - * - - -		
-18	391-0139-00			2						. BLOCK,GUIDE:CARTRIDGE EJEC	80009	391-0139-00
										(ATTACHING PARTS)		
-19	211-0513-00			2						. SCREW,MACHINE:6-32 X 0.625 INCH,PNH STL	83385	OBD
-20	211-0516-00			2						. SCREW,MACHINE:6-32 X 0.875 INCH,PNH STL	83385	OBD
										- - - * - - -		
-21	381-0365-00			2						. BAR,CRTG EJECT:DELTRIN	80009	381-0365-00
-22	407-1697-00			1						. BRACKET,ANGLE:TAPE DECK,ALUMINUM	80009	407-1697-00
										(ATTACHING PARTS)		
-23	211-0510-00			1						. SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-24	211-0513-00			1						. SCREW,MACHINE:6-32 X 0.625 INCH,PNH STL	83385	OBD
										- - - * - - -		
-25	391-0144-01			1						. BLOCK,SUPPORT:HEAD ALIGNMENT	80009	391-0144-01
										(ATTACHING PARTS)		
-26	211-0588-00			2						. SCREW,MACHINE:6-32 X 0.75 INCH,HEX.HD STL	83385	OBD
-27	211-0564-00			2						. SCREW,CAP,SCH:6-32 X 0.375"L HEX	80009	211-0564-00
-28	210-0803-00			2						. WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL	12327	OBD
										- - - * - - -		
	147-0046-01			1						. MOTOR,DC:TAPE DRIVE,12V	80009	147-0046-01
										(ATTACHING PARTS)		
-29	211-0507-00			2						. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-30	213-0228-01			1						. SETSCREW:6-32 X 0.125,STL,CD PL,HEX	000CY	OBD
										- - - * - - -		
-31	147-0046-00			1						. . MOTOR,DC:TAPE DRIVE,12V	000GB	9413B254
-32	352-0161-05			1						. . CONN BODY,PL,EL:3 WIRE GREEN	80009	352-0161-05
-33	131-0707-00			3						. . CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-34	210-0203-00			1						. . TERMINAL,LUG:SE #6	78189	2103-06-00-2520N
										(ATTACHING PARTS)		
-35	213-0124-00			1						. . SCR,TPG,THD FOR:6-20 X 0.250 INCH,PNH STL	83385	OBD
										- - - * - - -		
	-----			2						. . CAP.,FXD,CER DI:(SEE C1091,C1092 REPL)		
-36	361-0747-00			1						. SPACER,PLATE:0.562 ID X 0.02 THK	80009	361-0747-00
-37	352-0424-00			1						. HOLDER,TACH:SILCONE RUBBER	80009	352-0424-00
-38	386-3369-01			1						. PLATE,TACH:	80009	386-3369-01
										(ATTACHING PARTS)		
-39	211-0507-00			2						. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
										- - - * - - -		

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-40	214-1474-00			2	.	.	.	.	.	PIN, SPRING: 0.75 L X 0.135 OD, CS BLACK	22599	59-028-125-0750
	147-0045-01			1	.	.	.	.	.	MOTOR, DC: 6V, 17,000 RPM (ATTACHING PARTS)	80009	147-0045-01
-41	213-0228-01			1	.	.	.	.	.	SETSCREW: 6-32 X 0.125, STL, CD PL, HEX - - - * - - -	000CY	OBD
-42	147-0045-00			1	.	.	.	.	.	MOTOR, DC: 6V, 17,000 RPM	50778	16C14-207-9
-43	352-0169-04			1	.	.	.	.	.	CONN BODY, PL, EL: 2 WIRE YELLOW	80009	352-0169-04
-44	131-0707-00			2	.	.	.	.	.	CONNECTOR, TERM: 22-26 AWG, BRS & CU BE GOLD	22526	47439
	-----			1	.	.	.	.	.	CKT BD ASSY: STATUS W/MICRO SW (SEE A16A2 REPL) (ATTACHING PARTS)		
-45	211-0513-00			2	.	.	.	.	.	SCREW, MACHINE: 6-32 X 0.625 INCH, PNH STL - - - * - - -	83385	OBD
-46	-----			2	.	.	.	.	.	SWITCH, PUSH: (SEE S1, S2 REPL) (ATTACHING PARTS)		
-47	211-0034-00			4	.	.	.	.	.	SCREW, MACHINE: 2-56 X 0.50 INCH, PNE	83385	OBD
-48	210-0405-00			4	.	.	.	.	.	NUT, PLAIN, HEX.: 2-56 X 0.188 INCH, BRS	73743	12157-50
-49	210-0001-00			4	.	.	.	.	.	WASHER, LOCK: INTL, 0.092 ID X 0.18" OD, STL - - - * - - -	78189	1202-00-00-0541C
-50	-----			1	.	.	.	.	.	CKT BOARD ASSY: STATUS (SEE A16A2A1 REPL) (ATTACHING PARTS)		
-51	211-0601-00			2	.	.	.	.	.	SCR, ASSEM WSHR: 6-32 X 0.312, DOUBLE SEMS - - - * - - -	83385	OBD
-52	131-0608-00			8	.	.	.	.	.	TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
-53	-----			1	.	.	.	.	.	BRKT, SENSOR MTG: POLYCARBONATE		
-54	401-0342-01			1	.	.	.	.	.	HUB, TAPE DRIVE: W/0.645 DIA HYPALON WHEEL	80009	401-0342-01
-54.1	214-2419-00			1	.	.	.	.	.	PIN, SPRING: 0.5 L X 0.188 OD, AL	80009	214-2419-00
-55	214-2261-00			1	.	.	.	.	.	SPRING, HLCPS: 0.035 DIA, 5.5 L MUSIC WIRE	80009	214-2261-00
-56	214-2264-00			2	.	.	.	.	.	ARM, DETENT: TAPE POSITIONING (ATTACHING PARTS)	80009	214-2264-00
-57	211-0514-00			2	.	.	.	.	.	SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL	83385	OBD
-58	345-0551-00			2	.	.	.	.	.	RTNR, DETENT ARM: 0.14 ID X 0.373 OD, AL - - - * - - -	80009	343-0551-00
-59	351-0451-00			1	.	.	.	.	.	GUIDE, TAPE CRTG: TOP LEFT (ATTACHING PARTS)	80009	351-0451-00
-60	211-0522-00			1	.	.	.	.	.	SCREW, MACHINE: 6-32 X 0.625 FLH, 100 DEG ST - - - * - - -	83385	OBD
-50.1	351-0462-00			1	.	.	.	.	.	GUIDE, TAPE CRTG: TOP RIGHT (ATTACHING PARTS)	80009	351-0462-00
	211-0522-00			1	.	.	.	.	.	SCREW, MACHINE: 6-32 X 0.625 FLH, 100 DEG ST - - - * - - -	83385	OBD
-61	214-2263-00			2	.	.	.	.	.	WHEEL, DETENT: 0.187 ID X 0.6 OD, SST	80009	214-2263-00
-62	384-1383-00			1	.	.	.	.	.	SHAFT, HOLDDOWN: 0.093 DIA X 7.66 L, STL (ATTACHING PARTS)	80009	384-1383-00
-63	354-0350-00			2	.	.	.	.	.	RING, RETAINING: 0.073" FREE ID X 0.015", STL - - - * - - -	79136	5133-9MD
-64	401-0349-00			1	.	.	.	.	.	ROLLER, HOLDDOWN: 0.50 DIA X 0.75 L, NYLON (ATTACHING PARTS)	80009	401-0349-00
-65	354-0554-00			2	.	.	.	.	.	RING, RETAINING: EXT LUG GRIPPING, 0.094 D - - - * - - -	79136	G5555-9
-66	337-2260-00			1	.	.	.	.	.	SHIELD: TRAY, SAFETY (ATTACHING PARTS)	80009	337-2260-00
-67	210-0457-00			2	.	.	.	.	.	NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-68	351-0459-00	B010100	B011276	1	.	.	.	.	.	GUIDE, TAPE CRTG: ENTRANCE	80009	351-0459-00
	351-0629-00	B011277		1	.	.	.	.	.	GUIDE, TAPE CRTG: ENTRANCE (ATTACHING PARTS)	80009	351-0629-00
-69	211-0545-00			2	.	.	.	.	.	SCREW, MACHINE: 6-32 X 1.250 INCH, TRH STL - - - * - - -	83385	OBD
-70	351-0454-00			1	.	.	.	.	.	GUIDE, TAPE CRTG: LEFT	80009	351-0454-00
-70.1	351-0453-00			1	.	.	.	.	.	GUIDE, TAPE CRTG: RIGHT	80009	351-0453-00
-71	361-0781-00			2	.	.	.	.	.	SPACER, PAD: W/4-40 THD (ATTACHING PARTS)	80009	361-0781-00
-72	210-0407-00			2	.	.	.	.	.	NUT, PLAIN, HEX.: 6-32 X 0.25 INCH, BRS	73743	3038-0228-402
-73	210-0006-00			2	.	.	.	.	.	WASHER, LOCK: #6 INTL, 0.018THK, STL CD PL - - - * - - -	78189	1206-00-00-0541C

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-74	386-3368-01		1	.					PLATE, TAPE DECK:	80009	386-3368-01
-75	119-0305-00		1	.					LOUDSPEAKER, PM: PERMANENT MAGNET, 45 OHM, 2W (ATTACHING PARTS)	07109	35A45C
-76	211-0507-00		4	.					SCREW, MACHINE: 6-32 X 0.312 INCH, PNH STL * - - - -	83385	OBD
-77	386-3554-00		1	.					PLATE, PROT: HEAD ALIGNMENT (ATTACHING PARTS)	80009	386-3554-00
-78	211-0164-00		1	.					SCREW, CAP, SCH: 4-40 X 0.625 INCH, L STL	83385	OBD
	211-0093-00		1	.					SCR, CAP, SOC HD: 4-40 X 0.75 INCH L, STL * - - - -	000BK	OBD
-79	214-2430-00		1	.					SPRING, HLCPS: 0.375 OD X 1.5 L, OPEN ENDS (ATTACHING PARTS)	000AE	C36C
-80	211-0248-00		1	.					SCREW, CAP, SCH: 4-40 X 1.25 FLH, 82 DEG, STL * - - - -	000AH	OBD
-81	386-2823-00		1	.					PL, MTG, TAPE HD: (ATTACHING PARTS)	80009	386-2823-00
-82	211-0206-00		2	.					SCR, CAP, SOC HD: 2-56 X 0.312 INCH, STL * - - - -	000AH	OBD
-83	352-0450-01		1	.					HLDR, HEAD ALGN: ALUMINUM	80009	352-0450-01
-84	-----		1	.					HEAD, SRR: (SEE A16PU1001 REPL)		
	119-0421-03		1	.					HEAD, SRR:	80009	119-0421-03
-85	119-0421-01		1	.					HEAD, SRR CABLE:	11983	139077
-86	352-0161-08		1	.					CONN BODY, PL, EL: 3 WIRE GRAY	80009	352-0161-08
	352-0161-09		1	.					CONN BODY, PL, EL: 3 WIRE WHITE	80009	352-0161-09
-87	131-0707-00		6	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-88	214-2319-00		1	.					BAR, PIVOT: CARTRIDGE EJECT (ATTACHING PARTS)	80009	214-2319-00
-89	211-0517-00		1	.					SCREW, MACHINE: 6-32 X 1 INCH, PNH, STL	83385	OBD
-90	210-0457-00		1	.					NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL	83385	OBD
-91	210-1252-00	B010100 B010464	1	.					WASHER, SPR TNSN: 0.146 ID X 0.008 THK	78189	3522-06-01
	210-0803-00	B010465	1	.					WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-92	214-2320-00		1	.					PVT, CRTG EJCTR: 0.5 DIA, DELRIN	80009	214-2320-00
-92.1	210-0992-00	XB010465	1	.					WASHER, FLAT: 0.265 ID X 0.01 THK, TEFLON * - - - -	80009	210-0992-00
-93	214-2351-00		1	.					PIN, SPRING: 0.375" L X 0.101" OD, STL	22599	52-022-094-0375
-94	214-1534-00		1	.					PIN, RETAINING: 1.25 L X 0.103 OD, CS BLACK	22599	59-022-094-1250
	198-0725-00		1	.					WIRE SET, ELEC:	80009	198-0725-00
-95	131-0707-00		20	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-96	131-0861-00		2	.					TERM, QIK DISC: 16-20 AWG, 0.22 W X 0.02 THK	00779	42617-2
-97	175-0832-00		AR	.					WIRE, ELECTRICAL: 9 WIRE RIBBON	08261	SS-0925(1061)0C
-98	175-0863-00		AR	.					WIRE, ELECTRICAL: 2 WIRE RIBBON	08261	SS-0222-7(1061)
-99	352-0165-00		1	.					CONN BODY, PL, EL: 7 WIRE BLACK	30009	352-0165-00
-100	352-0167-07		1	.					CONN BODY, PL, EL: 9 WIRE VIOLET	80009	352-0167-07
-101	352-0169-00		1	.					HLDR, TERM CONN: 2 WIRE BLACK	80009	352-0169-00
	352-0169-01		1	.					HLDR TERM CONN: 2 WIRE, BROWN	80009	352-0169-01
	175-2667-00		1	.					CA ASSY, SP, ELEC: 3, 22 AWG, 5.0 L (TO Q1091)	80009	175-2667-00
101.1	131-0707-00		3	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-102	131-1918-00		3	.					CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
-103	175-0862-00		AR	.					WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
-104	352-0161-03		1	.					CONN BODY, PL, EL: 3 WIRE ORANGE	80009	352-0161-03
-105	352-0463-00		1	.					HLDR, TERM. CONN: 3 FEMALE, NYLON	27264	10-01-1034
	175-2668-00		1	.					CA ASSY, SP, ELEC: 3, 26 AWG, 5.0 L (TO Q1092)	80009	175-2668-00
105.1	131-0707-00		3	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
105.2	131-1918-00		3	.					CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
105.3	175-0862-00		AR	.					WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
	352-0161-06		1	.					CONN BODY, PL, EL: 3 WIRE BLUE	80009	352-0161-06
105.4	352-0463-00		1	.					HLDR, TERM. CONN: 3 FEMALE, NYLON	27264	10-01-1034
-106	343-0298-00		1	.					CLAMP, LOOP: PLASTIC, W/ADHESIVE BACK	95987	HPC25
-107	407-2385-00		1	.					BRACKET, CMPNT: TAPE DECK, SST (ATTACHING PARTS)	80009	407-2385-00
-108	210-0458-00		1	.					NUT, PL, ASSEM WA: 8-32 X 0.344 INCH, STL * - - - -	83385	OBD
-109	348-0102-00		1	.					PAD, CUSHIONING: 13.76 INCH LONG (CUT TO FIT)	80009	348-0102-00
-110	-----		2	.					TRANSISTOR: (SEE Q1091, Q1092 REPL) (ATTACHING PARTS)		
-111	211-0097-00		2	.					SCREW, MACHINE: 4-40 X 0.312 INCH, PNH STL	83385	OBD
-112	210-1181-00		2	.					WASHER, SHLDR: 1.22 ID X 0.20D * - - - -	31223	OBD

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-113	342-0311-00			2						INSULATOR, PLATE: TRANSISTOR, MICA	01295	64-21-023-212
-114	386-4260-00			1						SUPPORT, BRACKET: TAPE DECK, AL (ATTACHING PARTS)	80009	386-4260-00
-115	211-0507-00			3						SCREW, MACHINE: 6-32 X 0.312 INCH, PNH STL - - - * - - -	83385	OBD
-116	378-0064-00			1						FILTER, LIGHT: 6.276 X 1.0, 0.06 R ACRYLIC (ATTACHING PARTS)	80009	378-0064-00
-117	211-0514-00			2						SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL - - - * - - -	83385	OBD
-118	-----			1						CKT BOARD ASSY: INDICATOR(SEE A17 REPL)		
-119	337-2235-00			2						. SHIELD, LIGHT: CKT CD MT, 1.0X 0.355 INCH	80009	337-2235-00
-120	361-0751-00			2						. SPACER, SLEEVE: 0.156 ID X 0.312 OD X 0.493 L	80009	361-0751-00
-121	131-0608-00			8						. TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
-122	407-2240-00	B010100	B010872	1						BRKT, TAPE DECK: STEEL	80009	407-2240-00
	407-2240-02	B010873		1						BRKT, TAPE DECK: STEEL (ATTACHING PARTS)	80009	407-2240-02
-123	213-0001-00			4						SCREW, CAP, SCH: 0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-124	210-0016-00			4						WASHER, LOCK: SPLIT, 0.259 ID X 0.489 OD, STL	77339	6507
-125	210-0458-00			4						NUT, PL, ASSEM WA: 8-32 X 0.344 INCH, STL - - - * - - -	83385	OBD

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-1	337-2466-00		1						SHIELD, ELEC: HIGH VOLTAGE (ATTACHING PARTS)	80009	337-2466-00
-2	211-0033-00		3						SCR, ASSEM WSHR: 4-40 X 0.312 PNH, STL, CD PL - - - * - - -	83385	OBD
-3	343-0853-00		1						CLAMP, LOOP: 0.5 DIA, NYLON	000GY	021-0500
-4	214-2526-00		1						CKT BOARD ASSY: HV & Z AXIS (SEE A13 REFL)	00613	E632
	129-0951-00	XB012021	1						. SHIELD, EXP: 6-32 X 0.312 INCH, PLASTIC	80009	129-0951-00
			1						. SPACER, POST: 0.595 L, W/6-32 INT THD, STL - . (OPTION 31 ONLY)		
									(ATTACHING PARTS)		
-5	211-0511-00		1						. SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL	83385	OBD
	210-0457-00	XB012021	2						. NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - . (OPTION 31 ONLY)	83385	OBD
-6	210-0847-00		1						. WASHER, FLAT: 0.164 ID X 0.500 OD, NYLON	83309	OBD
	210-0803-00	XB012021	1						. WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL - . (OPTION 31 ONLY)	12327	OBD
									- - - * - - -		
-7	334-2258-00		1						. MARKER, IDENT: DANGER HI VOLT	80009	334-2258-00
-8			1						. TRANSISTOR: CHASSIS MTG (SEE Q53 REPL)		
		XB012021	1						. TRANSISTOR: CHASSIS MTG (SEE Q41 REPL) - . (OPTION 31 ONLY)		
									(ATTACHING PARTS)		
-9	211-0097-00		1						. SCREW, MACHINE: 4-40 X 0.312 INCH, PNH STL	83385	OBD
-10	210-1122-00		1						. WASHER, LOCK: 0.12 ID, DISHED, 0.025 THK - - - * - - -	86928	OBD
-11	342-0163-00		1						. INSULATOR, PLATE: XSTR, 0.675 X 0.625 X 0.001"	80009	342-0163-00
-12	351-0460-00		2						. GUIDE, CKT CARD: (ATTACHING PARTS)	80009	351-0460-00
-13	213-0138-00		4						. SCR, TPG, TF: 4-24 X 0.188 INCH, PNH STL - - - * - - -	83385	OBD
-14	348-0050-00		1						. GROMMET, PLASTIC: 0.75 INCH DIA - . (NOT USED IN OPTION 31)	80009	348-0050-00
-15	337-2465-00		1						. SHIELD, ELEC: HIGH VOLTAGE (ATTACHING PARTS)	80009	337-2465-00
-16	213-0144-00		4						. SCREW, TPG, TF: 8-18 X 0.5 INCH, TRH, STL - - - * - - -	83385	OBD
-17	129-0541-00		2						. POST, ELEC-MECH: 1.53" L W/4-40 THD, NYLON (ATTACHING PARTS)	80009	129-0541-00
-18	211-0033-00		2						. SCR, ASSEM WSHR: 4-40 X 0.312 PNH, STL, CD PL	83385	OBD
	211-0213-00	XB012021	2						. SCREW, MACHINE: 4-40 X 0.312 INCH, PNH NYLON - . (OPTION 31 ONLY)	23050	OBD
-19	162-0579-00		FT						. INS SLV, ELEC: 0.25 ID, SPL WRAP	87473	OBD
-20	351-0460-00		2						. GUIDE, CKT CARD:	80009	351-0460-00
	351-0460-00	XB012021	4						. GUIDE, CKT CARD: - . (OPTION 31 ONLY)	80009	351-0460-00
									(ATTACHING PARTS)		
-21	213-0138-00		4						. SCR, TPG, TF: 4-24 X 0.188 INCH, PNH STL	83385	OBD
	211-0007-00	XB012021	8						. SCREW, MACHINE: 4-40 X 0.188 INCH, PNH STL - . (OPTION 31 ONLY)	83385	OBD
									- - - * - - -		
-22	384-1455-00		3						. EXTENSION SHAFT: 1.5 L X 0.28 OD, PLASTIC	80009	384-1455-00
-23	348-0744-01	XB012021	1						. BUMPER, PLASTIC: POLYSULFONE, NATURAL - . (OPTION 31 ONLY)	80009	348-0744-01
									(ATTACHING PARTS)		
-24	212-0066-00	XB012021	1						. SCREW, MACHINE: 8-32 X 0.500, ROH, NYL, SLOT - . (OPTION 31 ONLY)	95987	OBD
-25	342-0608-00		1						. INSULATOR, PLATE: HV MOUNTING, PLASTIC - . (OPTION 31 ONLY)	85471	OBD
									- - - * - - -		
-26			1						. CKT BOARD ASSY: HV AND Z AXIS (SEE A13A1 REPL)		
	136-0741-00		1						. . . SKT, PL-IN ELEC: CRT, 7 PIN, W/LEADS	80009	136-0741-00
-27	136-0278-00		1						. . . SOCKET, PLUG-IN: WITH PINS	80009	136-0278-00
-28	131-1918-00		7						. . . CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
-28.1	175-5021-00		AR						. . . WIRE, ELECTRICAL: STRD 24 AWG, 5000VDC	90484	OBD
-29	131-0608-00		6						. . . TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357

**REPLACEABLE MECHANICAL PARTS**

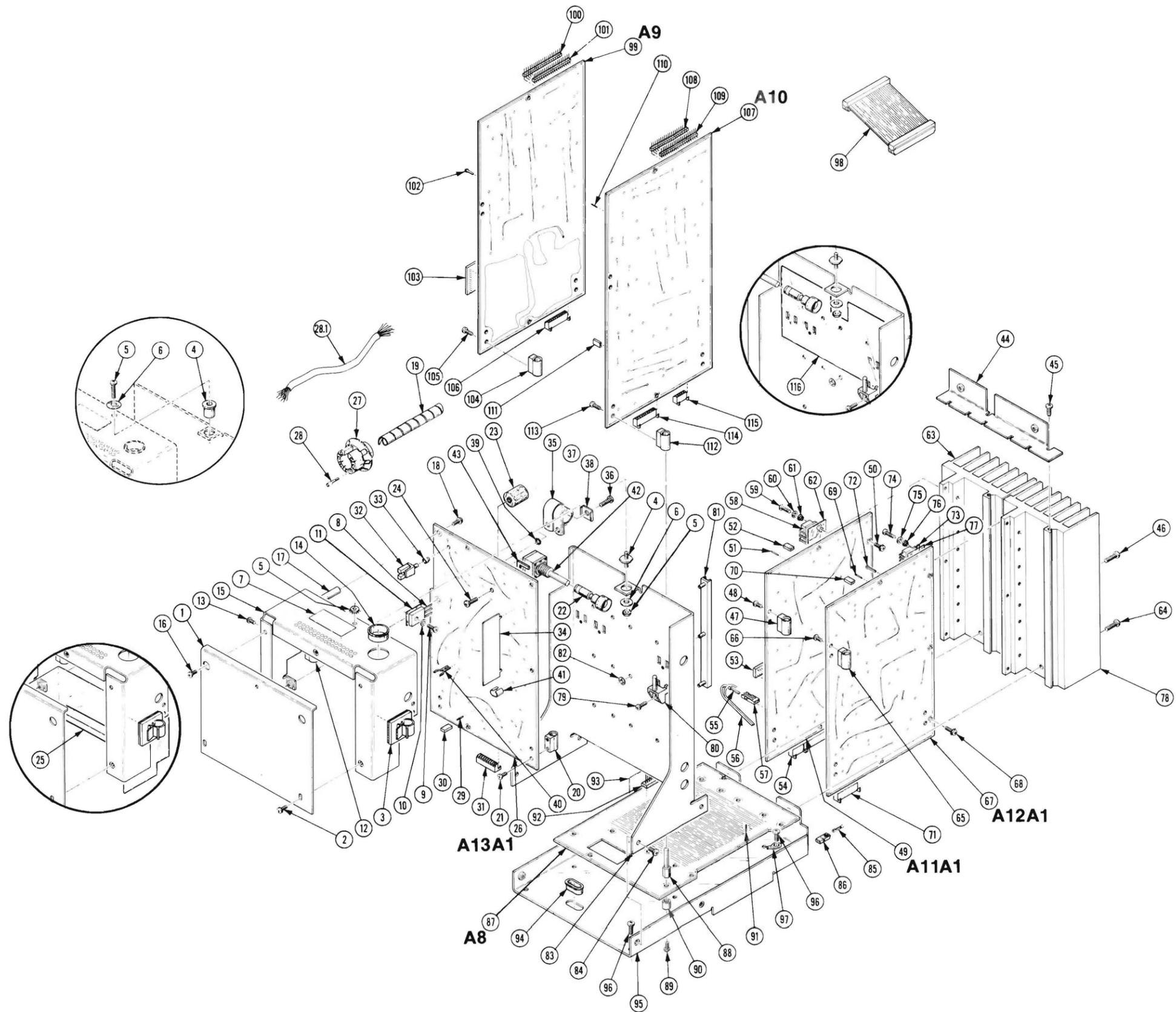
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-30	131-0993-00		2	.	.	.	.	.	BUS, CONDUCTOR: 2 WIRE BLACK	00779	850100-01
	131-0993-00	XB012021	6	.	.	.	.	.	BUS, CONDUCTOR: 2 WIRE BLACK	00779	850100-01
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-31	131-1994-00		2	.	.	.	.	.	CONN, RCPT, ELEC: CKT BD, 10 CONTACT MALE	27264	22-16-2101
-32	124-0118-00		1	.	.	.	.	.	TERMINAL BOARD: 1 NOTCH, CERAMIC, CLIP MTD	80009	124-0118-00
-33	361-0007-00		1	.	.	.	.	.	SPACER, SLEEVE: 0.250 INCH DIA, PLASTIC	80009	361-0007-00
-34	337-1456-00		1	.	.	.	.	.	SHLD, ELECTRICAL: CKT CARD MOUNT	80009	337-1456-00
	337-0763-00	XB012021	1	.	.	.	.	.	SHLD, ELECTRICAL: B SWEEP CKT BD	80009	337-0763-00
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-35	343-0659-00		1	.	.	.	.	.	CLAMP, LOOP: 0.375 DIA, STEEL CAD PLATE (ATTACHING PARTS)	000CP	OBD
-36	211-0152-00		1	.	.	.	.	.	SCR, ASSEM WSHR: 4-40 X 0.625 INCH, PNH BRS	83385	OBD
-37	343-0004-00		1	.	.	.	.	.	CLAMP, LOOP: 0.312 INCH DIAMETER, PLSTC	95987	5-16-6B
-38	210-0863-00	XB012021	1	.	.	.	.	.	WSHR, LOOP CLAMP: 0.187 ID U/W 0.5 W CLP, STL	95987	C191
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-39	210-0005-00		1	.	.	.	.	.	WASHER, LOCK: #6 EXT, 0.02 THK, STL	78189	1106-00
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-40	344-0154-00		2	.	.	.	.	.	CLIP, ELECTRICAL: FUSE, CKT BD MT	80009	344-0154-00
	344-0255-00	XB012021	2	.	.	.	.	.	CLIP, ELECTRICAL: FUSE MOUNT	80009	344-0255-00
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-41	214-0973-00		1	.	.	.	.	.	HEAT SINK, ELEC: 0.28 X 0.18 OVAL X 0.187" H	80009	214-0973-00
	214-0269-00	XB012021	1	.	.	.	.	.	HEAT SINK, XSTR: 0.312 DIA X 0.75 L	98978	TXD-032-75
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-42	-----	-----	3	.	.	.	.	.	RES, VAR: HC/INTEN/FOC		
	-----	-----	-	.	.	.	.	.	(SEE R128, R429, R34 REPL)		
	-----	XB012021	3	.	.	.	.	.	RESISTOR VAR: (SEE R415, 425, 471 REPL)		
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-43	361-0607-00		3	.	.	.	.	.	SPACER, SWITCH: PLASTIC	80009	361-0607-00
-44	407-2267-00		1	.	.	.	.	.	BRACKET, ANGLE: CIRCUIT BOARD, ALUMINUM (ATTACHING PARTS)	80009	407-267-00
-45	213-0146-00		2	.	.	.	.	.	SCR, TPG, THD FOR: 6-20 X 0.313 INCH, PNH STL	83385	OBD
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
	-----	-----	1	.	.	.	.	.	CKT BOARD ASSY: DEFLECTION AMP (SEE A11 REPL) (ATTACHING PARTS)		
-46	211-0511-00		2	.	.	.	.	.	SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL	83385	OBD
	-----	-----	-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-47	351-0460-00		3	.	.	.	.	.	GUIDE, CKT CARD: (ATTACHING PARTS)	80009	351-0460-00
-48	211-0007-00		6	.	.	.	.	.	SCREW, MACHINE: 4-40 X 0.188 INCH, PNH STL	83385	OBD
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
-49	-----	-----	1	.	.	.	.	.	CKT BOARD ASSY: DEFLECTION AMP (SEE A11A1 REPL) (ATTACHING PARTS)		
-50	211-0033-00		3	.	.	.	.	.	SCR, ASSEM WSHR: 4-40 X 0.312 PNH, STL, CD PL	83385	OBD
	211-0244-00	XB012021	3	.	.	.	.	.	SCR, ASSEM WSHR: 4-40 X 0.312 INCH, PNH STL	78189	OBD
	-----	-----	-	.	.	.	.	.	(OPTION 31 ONLY)		
	-----	-----	-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-51	131-0589-00		13	.	.	.	.	.	TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
-52	131-0993-00		1	.	.	.	.	.	BUS, CONDUCTOR: 2 WIRE BLACK	00779	850100-01
-53	136-0729-00	XB010361	1	.	.	.	.	.	SKT, PL-IN ELEC: MICROCKT, 16 CONTACT	09922	DILB16P-108T
-54	131-1994-00		2	.	.	.	.	.	CONN, RCPT, ELEC: CKT BD, 10 CONTACT MALE	27264	22-16-2101
	131-1995-00		1	.	.	.	.	.	CONN, RCPT, ELEC: CKT BD, 15 CONTACT MALE	27264	22-16-2151
	131-2131-00		1	.	.	.	.	.	CONN, RCPT, ELEC: CKT CD, 5 CONT, RIGHT ANGLE	27264	22-16-2051
	198-3443-00		2	.	.	.	.	.	WIRE SET, ELEC:	80009	198-3443-00
	-----	-----	-	.	.	.	.	.	EACH WIRE KIT INCLUDES:		
-55	131-0707-00		22	.	.	.	.	.	CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
	131-0708-00		2	.	.	.	.	.	CONTACT, ELEC: 0.48" L, 28-32 AWG WIRE	22526	47437
-56	175-0072-00		AR	.	.	.	.	.	CABLE, RF: 2 CONDUCTOR	80009	175-0072-00
	175-0529-00		AR	.	.	.	.	.	WIRE, ELECTRICAL: 26 AWG	12703	HU6546
	175-0825-00		AR	.	.	.	.	.	WIRE, ELECTRICAL: 2 WIRE RIBBON	80009	175-0825-00
	175-0826-00		AR	.	.	.	.	.	WIRE, ELECTRICAL: 3 WIRE RIBBON	80009	175-0826-00
	175-0827-00		AR	.	.	.	.	.	CABLE, SP, ELEC: 4, 26 AWG, STRD, PVC JKT, RBN	08261	SS04267(1061)OC
	175-0828-00		AR	.	.	.	.	.	WIRE, ELECTRICAL: 5 WIRE RIBBON	08261	SS-0526-710610C
	175-1020-00		AR	.	.	.	.	.	CABLE, RF: 50 OHM COAX, WHT POLYTHN JKT	90484	DAB70JAAAWHITE
	352-0169-00		4	.	.	.	.	.	HLDR, TERM CONN: 2 WIRE BLACK	80009	352-0169-00
	352-0169-01		1	.	.	.	.	.	HLDR TERM CONN: 2 WIRE, BROWN	80009	352-0169-01
	352-0161-05		1	.	.	.	.	.	CONN BODY, PL, EL: 3 WIRE GREEN	80009	352-0161-05

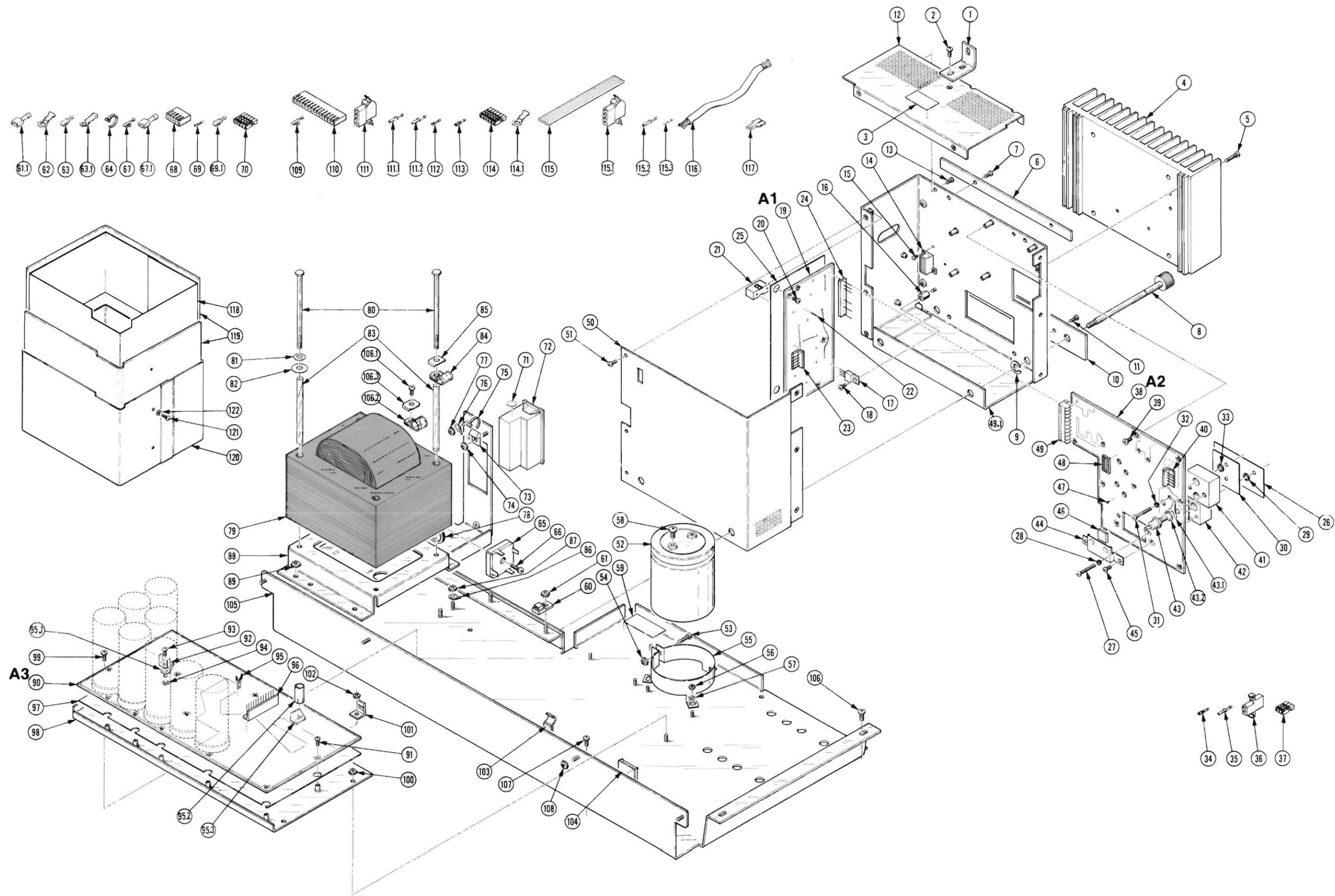
REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	i	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-57	352-0162-00			1	.	.	.	.	.	HLDR,TERM CONN:4 WIRE BLACK	80009	352-0162-00
	352-0163-00			1	.	.	.	.	.	CONN BODY,PL,EL:5 WIRE BLACK	80009	352-0163-00
-58	-----			4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q10,20,40,60 A11 REPL) (ATTACHING PARTS)		
-59	211-0033-00			4	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
	211-0198-00	XB012021		4	.	.	.	.	.	SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ (OPTION 31 ONLY)	77250	OBD
-60	210-0994-00			4	.	.	.	.	.	WASHER,FLAT:0.125 ID X 0.25" OD,STL	86928	5702-201-20
-61	210-1291-00			4	.	.	.	.	.	WASHER,SHLDR:0.118 ID X 0.1 THK,PLSTC -----*	80009	210-1291-00
-62	342-0311-00			4	.	.	.	.	.	INSULATOR,PLATE:TRANSISTOR,MICA	01295	64-21-023-212
-63	214-2508-00	B010100	B012306	1	.	.	.	.	.	HT SK,CKT CARD:	80009	214-2508-00
	214-2508-01	B012307		1	.	.	.	.	.	HEAT SINK,ELEC:CIRCUIT BOARD,AL	80009	214-2508-01
	214-2508-01	XB012021		1	.	.	.	.	.	HEAT SINK,ELEC:CIRCUIT BOARD,AL (OPTION 31 ONLY)	80009	214-2508-01
	-----			1	.	.	.	.	.	CKT BOARD ASSY:STORGE,W/HEATSINK(SEE A12 REPL) (ATTACHING PARTS)		
-64	211-0511-00			2	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL -----*	83385	OBD
	-----			-	.	.	.	.	.	CKT BOARE ASSY INCLUDES:		
-65	351-0460-00			3	.	.	.	.	.	GUIDE,CKT CARD: (ATTACHING PARTS)	80009	351-0460-00
-66	211-0007-00			6	.	.	.	.	.	SCREW,MACHINE:4-40 X 0.188 INCH,PNH STL -----*	83385	OBD
-67	-----			1	.	.	.	.	.	CKT BOARD ASSY:STORAGE(SEE A12A1 REPL) (ATTACHING PARTS)		
-68	211-0033-00			3	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
	211-0244-00	XB012021		3	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 INCH,PNH STL (OPTION 31 ONLY)	78189	OBD
	-----			-	.	.	.	.	.	-----*		
	-----			-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-69	131-0608-00	B010100	B011088	6	.	.	.	.	.	TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	131-0608-00	B011089		9	.	.	.	.	.	TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
	131-0787-00			12	.	.	.	.	.	CONTACT,ELEC:0.64 INCH LONG	22526	47359
-70	131-0993-00	B010100	B011088	2	.	.	.	.	.	BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
	131-0993-00	B011089		3	.	.	.	.	.	BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-71	131-1994-00			2	.	.	.	.	.	CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
	131-1995-00			1	.	.	.	.	.	CONN,RCPT,ELEC:CKT BD,15 CONTACT MALE	27264	22-16-2151
	131-2131-00	XB011089		1	.	.	.	.	.	CONN,RCPT,ELEC:CKT CD,5 CONT,RIGHT ANGLE	27264	22-16-2051
-72	214-0579-00			5	.	.	.	.	.	TERM,TEST POINT:BRZ CD PL	80009	214-0579-00
-73	-----			4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q15,25,35,45 A12A1 REPL)		
	-----			4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q55,65,75,85 A12A1 REPL) (ATTACHING PARTS)		
-74	211-0033-00	B010100	B012306	8	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
	211-0246-00	B012307		8	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.625 INCH,PNH,STL	78189	OBD
	211-0246-00	XB012021		8	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.625 INCH,PNH,STL (OPTION 31 ONLY)	78189	OBD
-75	210-0994-00	B010100	B012306X	8	.	.	.	.	.	WASHER,FLAT:0.125 ID X 0.25" OD,STL	86928	5702-201-20
	342-0536-00			8	.	.	.	.	.	INSULATOR,XSTR:TO-220,POLYENELENE (OPTION 31 ONLY)	80009	342-0536-00
-76	210-1171-00			8	.	.	.	.	.	WSHR,SHOULDERED:0.116 ID X C.138 INCH OD -----*	52905	A7148516P2
-77	342-0451-00	B010100	B012306	8	.	.	.	.	.	INSULATOR,PLATE:TRANSISTOR,KAPTON	08530	OBD
	342-0563-00	B012307		8	.	.	.	.	.	INSULATOR,PLATE:TRANSISTOR,FIBERGLAS	18565	OBD
	342-0536-00	XB012307		8	.	.	.	.	.	INSULATOR,XSTR:TO-220,POLYENELENE	80009	342-0536-00
	342-0563-00	XB012021		8	.	.	.	.	.	INSULATOR,PLATE:TRANSISTOR,FIBERGLAS (OPTION 31 ONLY)	18565	OBD
-78	214-2508-00			1	.	.	.	.	.	HT SK,CKT CARD:	80009	214-2508-00
	214-2508-01	XB012021		1	.	.	.	.	.	HEAT SINK,ELEC:CIRCUIT BOARD,AL (OPTION 31 ONLY)	80009	214-2508-01
-79	214-2507-00			4	.	.	.	.	.	PIN,GUIDE:CIRCUIT CARD (ATTACHING PARTS)	80009	214-2507-00
-80	213-0777-00			4	.	.	.	.	.	SCREW,TPG,TF:4-24 X 0.375 L,FLH,100 DEG -----*	93907	OBD
-81	351-0512-00			3	.	.	.	.	.	GUIDE,CKT BOARD:WHITE NYLON,4.89L (ATTACHING PARTS)	80009	351-0512-00
-82	354-0195-00			3	.	.	.	.	.	RING,RETAINING: -----*	97464	6100-12-ST-PA

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-83	426-1599-00			1						FR,CKT BD MDL:ALUMINUM (ATTACHING PARTS)	80009	426-1599-00
-84	211-0504-00			4						SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL - - - * - - -	83385	OBD
	198-3572-00			1						WIRE SET,ELEC:	80009	198-3572-00
-85	131-0707-00			1						. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
	175-0523-00			AR						. WIRE,ELECTRICAL:STRD,22 AWG,300V RMS,BLACK	90484	OBD
-86	352-0169-00			1						. HLDR,TERM CONN:2 WIRE BLACK	80009	352-0169-00
-87	-----			1						CKT BOARD ASSY:INTERCONNECT(SEE A8 REPL) (ATTACHING PARTS)		
-88	214-2506-00			12						PIN,STR,HDSL:0.250 DIA X 1.450 L,AL	80009	214-2506-00
-89	211-0008-00			12						SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL	83385	OBD
-90	361-0822-00			12						SPACER,SLEEVE:0.3 L X 0.148ID,AL - - - * - - -	80009	361-0822-00
	-----			-						CKT BOARD ASSY INCLUDES:		
-91	131-0589-00			176						. TERMINAL,PIN:0.46 L X 0.025 SQ	22526	48283-029
-92	131-1976-00			1						. TERM. SET,PIN:15 MALE CONT	27264	09-60-1151
-93	334-2255-00			1						. MARKER,IDENT:DANGER 500V	80009	334-2255-00
-94	348-0417-00			1						. GROMMET,PLASTIC:0.75 INCH DIA	80009	348-0417-00
-95	441-1359-00			1						CHAS,CKT BD MDL: (ATTACHING PARTS)	80009	441-1359-00
-96	211-0504-00			4						SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
-97	210-0201-00			1						TERMINAL,IUG:0.12 ID,LOCKING,BRZ TIN PL - - - * - - -	86928	OBD
-98	175-2353-00			1						CA ASSY,SP,ELEC:40,28 AWG,3.5L,RIBBON	000E0	OBD
-99	-----			1						CKT BOARD ASSY:VECTOR GEN(SEE A9 REPL)		
-100	131-1426-00			2						. CONTACT SET,ELE:R ANGLE,0.250L,STRIP OF 36	22526	65524-136
-101	131-1425-00			2						. CONTACT SET,ELE:R ANGLE,0.150" L,STR OF 36	22526	65521-136
-102	214-0579-00			3						. TERM,TEST POINT:BRS CD PL	80009	214-0579-00
-103	136-0578-00	B010100	B012539	2						. SKT,PL-IN ELEK:MICROCKT,24 PIN,LOW PROFILE	73803	C S9002-24
	136-0751-00	B012540		2						. SKT,PL-IN ELEK:MICROCKT,24 PIN	09922	DILB24P108
-104	351-0460-00			2						. GUIDE,CKT CARD: (ATTACHING PARTS)	80009	351-0460-00
-105	213-0138-00			4						. SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL - - - * - - -	83385	OBD
-106	131-1994-00			2						. CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
-107	-----			1						CKT BOARD ASSY:DSPLY CONT(SEE A10 REPL)		
-108	131-1426-00			2						. CONTACT SET,ELE:R ANGLE,0.250L,STRIP OF 36	22526	65524-136
-109	131-1425-00			2						. CONTACT SET,ELE:R ANGLE,0.150" L,STR OF 36	22526	65521-136
-110	131-0608-00			15						. TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
-111	131-0993-00			1						. BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-112	351-0460-00			2						. GUIDE,CKT CARD: (ATTACHING PARTS)	80009	351-0460-00
-113	213-0138-00			4						. SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL - - - * - - -	83385	OBD
-114	131-1994-00			2						. CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
-115	131-2131-00			1						. CONN,RCPT,ELEC:CKT CD,5 CONT,RIGHT ANGLE	27264	22-16-2051
-116	342-0609-00			1						. INSULATOR,PLATE:CKT BD,PLASTIC		





REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
6-1	407-1763-00		1		BRACKET, ANGLE: CRT, ALUMINUM (ATTACHING PARTS)	80009	407-1763-00
-2	211-0507-00		1		SCREW, MACHINE: 6-32 X 0.312 INCH, PNH STL - - - * - - -	83385	OBD
-3	334-2255-00		1		MARKER, IDENT: DANGER 500V	80009	334-2255-00
-4	214-2890-00		1		. HEAT SINK, ELEC: CIRCUIT BOARD, AL (ATTACHING PARTS)	80009	214-2890-00
-5	211-0514-00		4		. SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL - - - * - - -	83385	OBD
-6	386-4258-00	B010100 B011326	1		. PANEL, REAR: TOP	80009	386-4258-00
	386-4258-01	B011327	1		. PANEL, REAR: TOP (ATTACHING PARTS)	80009	386-4258-01
-7	211-0008-00		2		. SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-8	213-0853-00		2		. THUMBSCREW: 0.250-20 X 4.875 X 0.25 OD (ATTACHING PARTS)	80009	213-0853-00
-9	354-0299-00		2		. RING, RETAINING: - - - * - - -	79136	5133-25S-MD
-10	386-4259-00		1		. PANEL, REAR: BOTTOM (ATTACHING PARTS)	80009	386-4259-00
-11	211-0008-00		2		. SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-12	200-2353-00		1		. COVER, PWR SPLY: 5V, TOP, AL (ATTACHING PARTS)	80009	200-2353-00
-13	211-0008-00		2		. SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-14	308-0818-00		1		. RES, FXD, WW: 0.005 OHM, 3%, 10W (ATTACHING PARTS)	91637	RH10-89/.005 3%
-15	213-0055-00		2		. SCR, TPG, THD FOR: 2-32 X 0.188 INCH, PNH STL - - - * - - -	93907	OBD
-16	361-0041-00		1		. POST, ELEC-MECH: 4-40 X 0.25 X 0.375 INCH L	80009	361-0041-00
-17	156-0285-00		1		. MICROCIRCUIT, LI: VOLTAGE REGULATOR (ATTACHING PARTS)	27014	LM340T-12
-18	211-0008-00		1		. SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-19	-----		1		. CKT BOARD ASSY: PRIMARY INTER (SEE A1 REPL) (ATTACHING PARTS)		
-20	211-0008-00		4		. SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-21	131-2447-00		-		. CKT BOARD ASSY INCLUDES:		
-22	131-0589-00	B010100 B011199	1		. . CONN, RCPT, ELEC: CKT BD, 4 PIN FEMALE	99801	10-18-1041
	131-0589-00	B011200	4		. . TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
-23	131-2182-00		2		. . TERMINAL, PIN: 0.46 L X 0.025 SQ	22526	48283-029
-24	131-2265-00		1		. . TERM. SET, PIN: 1 X 5, 0.156 SPACING, RTANG	27264	09-47-1052
-25	342-0486-00		1		. . TERM, FEEDTHRU: 10 PIN, INSULATED	27264	09-70-1101
-26	342-0424-00		1		. INSULATOR, PLATE: CKT BOARD, FIBER BOARD (ATTACHING PARTS)	80009	342-0486-00
-27	211-0019-00		1		. INSULATOR, FILM: HEAT SINK, PLASTIC	55285	OBD
-28	210-1181-00		2		. SCREW, MACHINE: 4-40 X 1.0 INCH, PNH STL	83385	OBD
-29	361-0020-00		2		. WASHER, SHLDR: 1.22 ID X 0.20D	31223	OBD
-30	342-0426-00		2		. INSULATOR, WSHR: 0.156 ID X 0.078 THK TEFLON - - - * - - -	80009	361-0020-00
-31	211-0019-00		1		. INSULATOR, FILM: HEAT SINK, PLASTIC (ATTACHING PARTS)	80009	342-0426-00
-32	210-1181-00		2		. SCREW, MACHINE: 4-40 X 1.0 INCH, PNH STL	83385	OBD
-33	361-0020-00		2		. WASHER, SHLDR: 1.22 ID X 0.20D	31223	OBD
	175-2675-00		2		. INSULATOR, WSHR: 0.156 ID X 0.078 THK TEFLON - - - * - - -	80009	361-0020-00
-34	131-0792-00		1		. CA ASSY, SP, ELEC: 2, 18 AWG, 2.5 L	80009	175-2675-00
-35	131-0948-00		2		. . CONNECTOR, TERM: 18-20 AWG, CU BE GOLD PL	22526	46221
-36	204-0826-00		2		. . CONTACT, ELEC: CONNECTOR, BRASS TIN PL	27264	02-09-1103
-37	352-0199-07		1		. . CONN BODY, RCPT: 2 CONT, FEMALE	27264	03-09-1021
			1		. . HLDR, TERM CONN: 3 WIRE VIOLET	80009	352-0199-07

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mir Code	Mfr Part Number
6-38	-----		1	.	CKT BOARD ASSY:+5V OUTPUT(SEE A2 REPL)				(ATTACHING PARTS)		
-39	211-0504-00		6	.	SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL					83385	OBD
	-----		-	.	CKT BOARD ASSY INCLUDES:						
-40	131-2182-00		2	.	TERM. SET,PIN:1 X 5,0.156 SPACING,RTANG					27264	09-47-1052
-41	361-0909-00		1	.	SPACER,PLATE:0.562 X 1.3 X1.25 AL					80009	361-0909-00
-42	361-0908-00		1	.	SPACER,PLATE:0.562 X 2.4 X1.0 AL					80009	361-0908-00
	255-0619-00		AR	.	PLASTIC CHANNEL:0.206 W X 0.22 H,NYLON					06915	SNGS-3
-43	-----		2	.	DIODE:(SEE CR371,CR381 REPL)				(ATTACHING PARTS)		
-43.1	210-0224-00	XB010769	2	.	TERMINAL,LUG:0.20 ID X 0.344 OD,SE,BRS					86928	A373-148-1
-43.2	210-0010-00	XB010769	2	.	WASHER,LOCK:INT,0.20 ID X0.376" OD,STL					78189	1210-00-00-0541C
	-----			.	SUPPORT,XSTR:				(ATTACHING PARTS)	80009	386-3928-00
-44	386-3928-00		1	.	SUPPORT,XSTR:				(ATTACHING PARTS)		
-45	211-0008-00		2	.	SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL					83385	OBD
	-----			.	INSULATOR,PLATE:TRANSISTOR,PLASTIC					80009	342-0389-00
-46	342-0389-00		2	.	INSULATOR,PLATE:TRANSISTOR,PLASTIC					80009	342-0389-00
-47	136-0252-01	B010100 B011012	9	.	CONTACT,ELEC:0.178 INCH LONG					00779	1-332095-2
	136-0252-07	B011013	9	.	SOCKET,PIN CONN:W/O DIMPLE					22526	75060-012
-48	136-0269-02		4	.	SKT,PL-IN ELEK:MICROCIRCUIT,14 DIP,LOW CLE					73803	CS9002-14
-49	-----		1	.	CONN,RCPT,ELEC:CKT BD,10 CONT,R ANGLE						
	346-0128-00		1	.	STRAP,TIE DOWN:0.1W X 8.0" LONG,NYLON					59730	TY-232M
	175-2436-00		1	.	CA ASSY,SP,ELEC:2,26 AWG,2,18AWG,7.25 L					80009	175-2436-00
	175-0072-00		AR	.	CABLE,RF:2 CONDUCTOR					80009	175-0072-00
-49.1	441-1482-00		1	.	CHAS,GRPH SYS:5 VOLT POWER SPLY,AL					80009	441-1482-00
-50	200-2354-00	B010100 B011326	1	.	COVER,PWR SPLY:5V,REAR,AL					80009	200-2354-00
	200-2354-01	B011327	1	.	COVER,PWR SPLY:5V,REAR,AL				(ATTACHING PARTS)	80009	200-2354-01
	-----			.	SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL					83385	OBD
-51	211-0008-00		6	.	SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL					83385	OBD
	354-0538-00	XB010336	1	.	PACKING,PREFMD:0.119 ID X 0.125" OD,NPRN					07322	8006-366Y
-52	-----		2	.	CAPACITOR:(SEE C5006,C5007 REPL)				(ATTACHING PARTS)		
-53	211-0511-00		2	.	SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL					83385	OBD
-54	210-0457-00		2	.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL					83385	OBD
	-----			.	CLAMP,LOOP:CAPACITOR MTG				(ATTACHING PARTS)	80009	343-0064-00
-55	343-0064-00		2	.	CLAMP,LOOP:CAPACITOR MTG				(ATTACHING PARTS)		
-56	210-0407-00		6	.	NUT,PLAIN,HEX.:6-32 X 0.25 INCH,BRS					73743	3038-0228-402
-57	210-0006-00		6	.	WASHER,LOCK:#6 INTL,0.018THK,STL CD PL					78189	1206-00-00-0541C
	-----			.	SCREW,MACHINE:10-32 X 0.312,PNH,STL,CD PL					83385	OBD
-58	212-0518-00		4	.	SCREW,MACHINE:10-32 X 0.312,PNH,STL,CD PL					83385	OBD
-59	334-2255-00		1	.	MARKER,IDENT: DANGER 500V					80009	334-2255-00
-60	343-0220-00		5	.	CLAMP,TIE DOWN:NYLON,SCREW MOUNT				(ATTACHING PARTS)	80009	343-0220-00
	-----			.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL					83385	OBD
	175-2670-00		1	.	CA ASSY,SP,ELEC:2,18 AWG,18.0 L					80009	175-2670-00
-61.1	131-2435-00		2	.	TERM,QIK DISC:FEMALE,18-22 AWG					00779	2-520183-2
-62	210-0303-00		2	.	TERMINAL,LUG:#8,RING,SOLDERLESS,CU TIN P					09922	BA16E-8M
	175-2671-00		1	.	CA ASSY,SP,ELEC:2,18 AWG,13.0 L					80009	175-2671-00
-63	131-1678-00		2	.	CONTACT,ELEC:0.250 X 0.032 INCH TAB FIT					00779	61944-2
-63.1	210-0303-00		2	.	TERMINAL,LUG:#8,RING,SOLDERLESS,CU TIN P					09922	BA16E-8M
-64	343-0549-00		2	.	STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG					59730	TY100
-65	-----		3	.	SEMICOND DEVICE:(SEE CR5003,CR5004,CR5005 REPL)				(ATTACHING PARTS)		
-66	211-0511-00		3	.	SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL					83385	OBD
	175-2672-00		1	.	CA ASSY,SP,ELEC:4,18 AWG,17.0 L					80009	175-2672-00
-67	131-1790-00		4	.	CONTACT,ELEC:18-24 AWG,FEMALE,BRASS					27264	08-56-0105
-67.1	131-2435-00		4	.	TERM,QIK DISC:FEMALE,18-22 AWG					00779	2-520183-2
-68	204-0749-00		1	.	CONN BODY,PLUG:CKT CD,5 CONTW/O LKG RAMP					27264	2139-052
	175-2673-00		1	.	CA ASSY,SP,ELEC:3,18 AWG,13.0 L					80009	175-2673-00

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
6-69	131-0792-00		3	.	CONNECTOR,TERM:18-20 AWG,CU BE GOLD PL	22526	46221
-69.1	131-1678-00		3	.	CONTACT,ELEC:0.250 X 0.032 INCH TAB FIT	00779	61944-2
-70	352-0201-00		1	.	CONN BODY,PL,EL:5 WIRE BLACK	80009	352-0201-00
-71	334-3379-02		1	.	MARKER,IDENT:MARKED GROUND SYMBOL	80009	334-3379-02
-72	119-0813-00		1	.	SELECTOR,VOLTS:W/LINE FLTR RCPT & FUSE	02777	F65003
-73	343-0150-00		1	.	CLAMP,TIE DOWN: (ATTACHING PARTS)	95987	OBD
-74	210-0457-00		1	.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-75	343-0549-00		7	.	STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
	195-0481-00		1	.	LEAD,ELECTRICAL:18 AWG,12.0 L,5-4	80009	195-0481-00
-76	210-0202-00		1	.	TERMINAL,LUG:0.146 ID,LOCKING,BRZ TINNED (ATTACHING PARTS)	78189	2104-06-00-2520N
-77	210-0457-00		1	.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-78	348-0145-00		2	.	GROMMET,PLASTIC:U-SHP,1.0 X 0.42 INCH	80009	348-0145-00
-79	-----		1	.	TRANSFORMER:(SEE T5001 REPL) (ATTACHING PARTS)		
-80	212-0543-00		4	.	SCREW,MACHINE:10-32 X 3.75OHEX HD	83385	OBD
-81	210-0805-00		3	.	WASHER,FLAT:0.204 ID X 0.438 INCH OD,STL	12327	OBD
-82	210-0813-00		3	.	WSHR,SHOULDERED:# 10 FIBER	74921	OBD
-83	166-0229-00		4	.	INS SLV,ELEC:0.187 ID X 3.25 INCH LONG	80009	166-0229-00
-84	343-0003-00		1	.	CLAMP,LOOP:0.25 ID,PLASTIC	95987	1-4-6B
-85	210-0863-00		1	.	WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL	95987	C191
-86	-----		1	.	TERMINAL,LUG:P/O XFMR (ATTACHING PARTS)		
-87	210-0457-00		1	.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-88	407-2294-00		1	.	BRACKET,SUPPORT:TRANSFORMER,STEEL (ATTACHING PARTS)	80009	407-2294-00
-89	210-0458-00		4	.	NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-90	-----		1	.	CKT BOARD ASSY:LV PWR(SEE A3 REPL) (ATTACHING PARTS)		
-91	211-0008-00		9	.	SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL - - - * - - -	83385	OBD
-92	131-1816-00		2	.	CKT BOARD ASSY INCLUDES: TERM,QTK DISC.:0.25 X 0.315 X 0.032 DOUBLE (ATTACHING PARTS)	00779	41480
-93	211-0008-00		2	.	SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL	83385	OBD
-94	210-0586-00		2	.	NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL	83385	OBD
-95	344-0154-00		14	.	CLIP,ELECTRICAL:FUSE,CKT BD MT	80009	344-0154-00
-95.1	210-0201-00	XB012220	1	.	TERMINAL,LUG:0.12 ID,LOCKING,BRZ TIN PL	86928	OBD
-95.2	214-0269-00	XB012220	1	.	HEAT SINK,XSTR:0.312 DIA X 0.75 L	98978	TXD-032-75
-95.3	352-0673-00		1	.	HOLDER,VAR RES:POLYCARBONATE - - - * - - -	80009	352-0673-00
-96	131-1975-00		1	.	TERM. SET,PIN:12 MALE CONTACTS	27264	09-60-1121
	131-1974-00		2	.	TERM. SET,PIN:5 MALE CONTACTS	000CA	09-60-1051
	131-1976-00		1	.	TERM. SET,PIN:15 MALE CONT	27264	09-60-1151
-97	342-0487-00		1	.	INSULATOR,PLATE:CKT BOARD,FIBER SHEET	80009	342-0487-00
-98	386-4157-00		2	.	SUPPORT,CKT BD:ALUMINUM (ATTACHING PARTS)	80009	386-4157-00
-99	211-0503-00		2	.	SCREW,MACHINE:6-32 X 0.188 INCH,PNH STL	83385	OBD
-100	361-0076-00		2	.	SPACER,POST:0.65 L W/ 6-32 THRU,AL,0.25 - - - * - - -	80009	361-0076-00
-101	344-0133-00		2	.	CLIP,SPR,TNSN:CIRCUIT CARD MOUNTING (ATTACHING PARTS)	80009	344-0133-00
-102	210-0586-00		2	.	NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - - - * - - -	83385	OBD
-103	343-0298-00		3	.	CLAMP,LOOP:PLASTIC,W/ADHESIVE BACK	95987	HPC25
-104	352-0482-00		1	.	HOLDER,CA,TIE:0.75 SQ,STICKY BACK,PLASTIC	06383	ABMM-A
-105	441-1481-01		1	.	CHAS,GRPH SYS:REAR (ATTACHING PARTS)	80009	441-1481-01
-106	212-0004-00		3	.	SCREW,MACHINE:8-32 X 0.312 INCH,PNH STL	83385	OBD
106.1	212-0008-00		1	.	SCREW,MACHINE:8-32 X 0.500 INCH,PNH STL	83385	OBD
106.2	343-0009-00		1	.	CLAMP,LOOP:	95987	7-8 6R
106.3	210-0863-00		1	.	WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL	95987	C191
-107	211-0507-00		3	.	SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-108	210-0458-00		2	.	NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscnt	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
6-	175-2684-00	B010100	B012325	1		CA ASSY, SP, ELEC: 15, 20 AWG, 17.0 L	80009	175-2684-00
	175-2006-02	B012326		1		CA ASSY, SP, ELEC: 15, 18 AWG, 17.0 L, RIBBON	80009	175-2006-02
-109	131-1790-00			30		. CONTACT, ELEC: 18-24 AWG, FEMALE, BRASS	27264	08-56-0105
-110	204-0751-00			2		. CONN BODY, PLUG: CKT CD, 15 CONT, W/O LKG RAMP	27264	09-50-3151
	175-2674-00			1		CA ASSY, SP, ELEC: 2, 18 AWG, 4.5 L	80009	175-2674-00
-111	131-0947-00			1		. CONN BODY, RCPT: MALE, SNAP-IN PNL MT, 4 CONT	27264	03-09-1041
111.1	131-0948-00			2		. CONTACT, ELEC: CONNECTOR, BRASS TIN PL	27264	02-09-1103
111.2	131-1790-00			2		. CONTACT, ELEC: 18-24 AWG, FEMALE, BRASS	27264	08-56-0105
-112	131-1981-00			2		. CONNECTOR, TERM.: 16-20 AWG, BRASS	91886	122-0202-019
	175-2643-00			1		CA ASSY, SP, ELEC: 6, 18 AWG, 36.0 L	80009	175-2643-00
-113	131-0792-00			6		. CONNECTOR, TERM: 18-20 AWG, CU BE GOLD PL	22526	46221
-114	352-0202-00			1		. HLD, TERM CONN: 6 WIRE BLACK	80009	352-0202-00
114.1	210-0322-00			6		. TERMINAL LUG: #10, SOLDERLESS, CU TIN PL	00779	34149
-115	175-5057-00			AR		. CABLE, SP, ELEC: 6, 18 AWG, RIBBON	08261	OBD
	175-2644-00			1		CA ASSY, SP, ELEC: 2, 18 AWG, 12.0 L	80009	175-2644-00
115.1	131-0947-00			1		. CONN BODY, RCPT: MALE, SNAP-IN PNL MT, 4 CONT	27264	03-09-1041
115.2	131-0948-00			4		. CONTACT, ELEC: CONNECTOR, BRASS TIN PL	27264	02-09-1103
115.3	131-1981-00			2		. CONNECTOR, TERM.: 16-20 AWG, BRASS	91886	122-0202-019
-116	175-1577-00			AR		. CABLE, SP, ELEC: 4, 18 AWG, TWISTED	80009	175-1577-00
-117	131-2799-00	XB012185		1		TERM, QIK DISC: ADAPTER, BRASS, TIN PL	00779	61765-2
	-----			-		(OPTION 31 ONLY)		
-118	342-0601-00			1		INSUL SH, ELEC: TRANSFORMER, PAPER/NYLON		
	-----			-		(OPTION 31 ONLY)		
-119	337-2985-00			2		SHIELD, ELEC: TRANSFORMER	80009	337-2985-00
	-----			-		(OPTION 31 ONLY)		
-120	337-2986-00			1		SHIELD, ELEC: TRANSFORMER	80009	337-2986-00
	-----			-		(OPTION 31 ONLY)		
						(ATTACHING PARTS)		
-121	211-0007-00			4		SCREW, MACHINE: 4-40 X 0.188 INCH, PNH STL	83385	OBD
	-----			-		(OPTION 31 ONLY)		
-122	210-0054-00			4		WASHER, LOCK: SPLIT, 0.118 ID X 0.212"OD STL	83385	OBD
	-----			-		(OPTION 31 ONLY)		

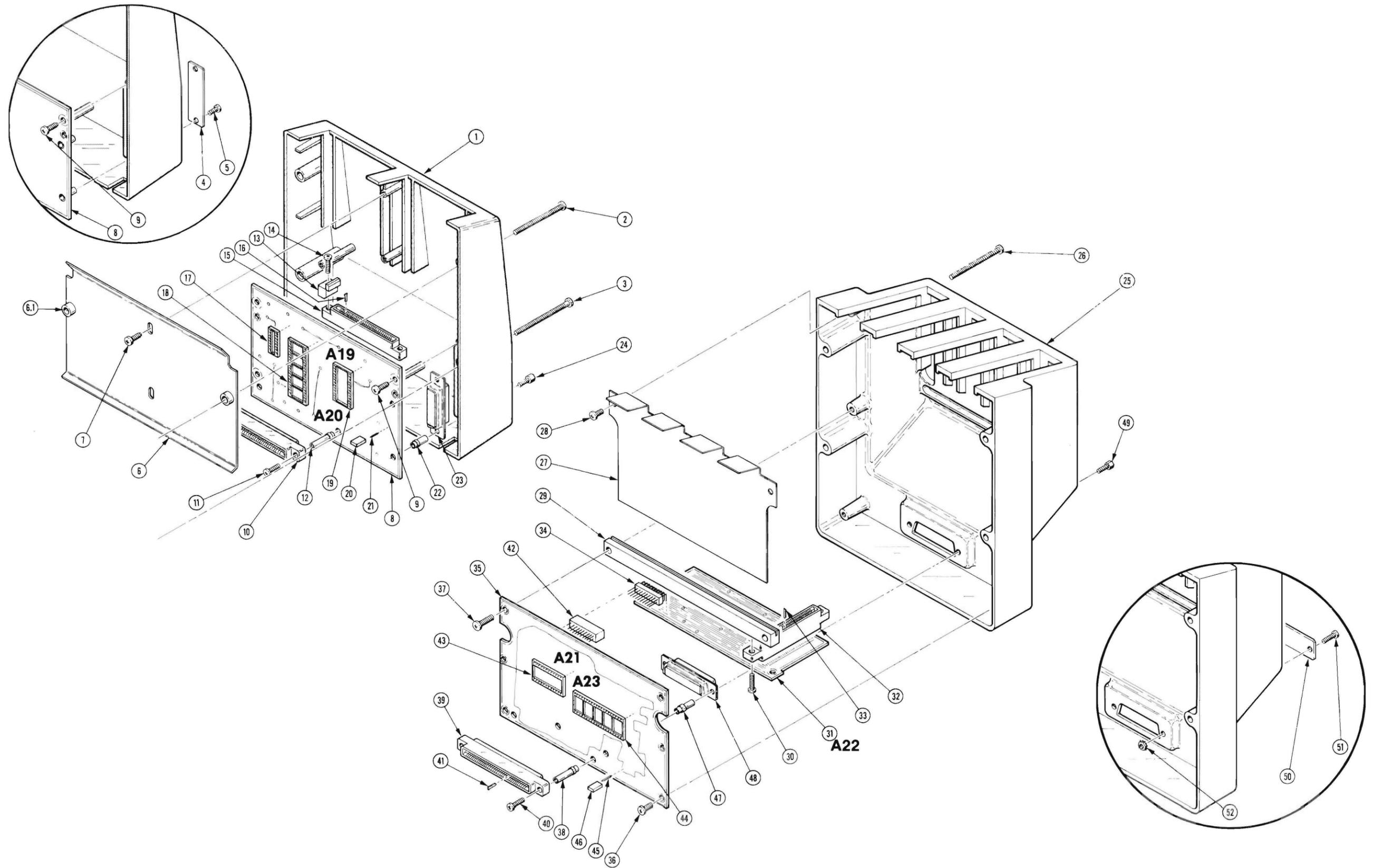
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REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
7-1	200-1851-03			1		COVER,ROM PACK:PLASTIC,SILVER GRAY (STANDARD ONLY)	80009	200-1851-03
	200-1851-01	B010100	B011637	1		COVER,ROM PACK:PLASTIC,SILVER (OPTION 1 ONLY)	80009	200-1851-01
	200-1851-03	B011638		1		COVER,ROM PACK:PLASTIC,SILVER GRAY (OPTION 1 ONLY)	80009	200-1851-03
						(ATTACHING PARTS)		
-2	211-0530-00			2		SCREW,MACHINE:6-32 X 1.75 INCH,PNH STL	83385	OBD
-3	211-0623-00			2		SCREW,MACHINE:6-32 X 2.25 INCHES,PNH,STL - - - * - - -	83385	OBD
-4	200-1887-00			1		COVER,FIRMWARE:PLASTIC (STANDARD ONLY)	80009	200-1887-00
						(ATTACHING PARTS)		
-5	211-0008-00			2		SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL (STANDARD ONLY)	83385	OBD
						- - - * - - -		
-6	351-0452-01			1		GUIDE,ROM PACK:ALUMINUM	80009	351-0452-01
-6.1	361-1012-00			2		SPACER,SLEEVE:0.295 L X 0.188 ID,BRASS (ATTACHING PARTS)	80009	361-1012-00
-7	213-0054-00			2		SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL - - - * - - -	93907	OBD
-8	-----			1		CKT BOARD ASSY:(SEE A19,A20 REPL) (ATTACHING PARTS)		
-9	213-0054-00			2		SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL - - - * - - -	93907	OBD
-10	131-1791-00			1		. CONN,RCPT,ELEC:CKT BD,25/50 CONTACT (ATTACHING PARTS)	05574	000231-3597
-11	211-0198-00			2		. SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ - - - * - - -	77250	OBD
-12	129-0248-00			2		. SPACER,POST:0.663 INCH LONG,BRS	80009	129-0248-00
-13	351-0500-00			4		. GUIDE,CKT CARD: (ATTACHING PARTS)	80009	351-0500-00
-14	211-0198-00			4		. SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ - - - * - - -	77250	OBD
-15	131-1909-00			2		. CONN,RCPT,ELEC:CKT CD,22/44 CONT W/4-40	05574	600201-3201
-16	214-1458-00	B010100	B011499X	3		. KEY,CONN PLZN:CKT BOARD	05574	091-0071-000
-17	136-0260-02			1		. SKT,PL-IN ELEK:MICROCIRCUIT,16 DIP,LOW CLE (OPTION 1 ONLY)	71785	133-51-92-008
-18	136-0623-00			1		. SOCKET,PLUG-IN:40 DIP,LOW PROFILE (OPTION 1 ONLY)	73803	CS9002-40
-19	136-0578-00			1		. SKT,PL-IN ELEK:MICROCKT,24 PIN,LOW PROFILE (OPTION 1 ONLY)	73803	C S9002-24
-20	131-0993-00			3		BUS,CONDUCTOR:2 WIRE BLACK (OPTION 1 ONLY)	00779	850100-01
-21	131-0608-00			9		. TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD (OPTION 1 ONLY)	22526	47357
-22	129-0112-00			2		. SPACER,POST:0.406 L FROM MT SEAT X 0.218 (OPTION 1 ONLY)	80009	129-0112-00
-23	131-1437-00			1		. CONN,RCPT,ELEC:25 FEMALE CONTACT (OPTION 1 ONLY)	71468	DB25S-F179
-24	131-0890-00			2		LOCK,CONNECTOR:4-40 X 0.312 L	71468	D 20418-2
	334-2788-01			1		OVERLAY,KYBD:MARKED DATA COMMUNICATION (OPTION 1 ONLY)	80009	334-2788-01
	175-1778-01			1		CA ASSY,SP,ELEC:34,28 AWG,2.5L (OPTION 1 ONLY)	80009	175-1778-01
-25	200-2414-02	B010100	B010883	1		COVER,ROM PACKS:4 POSITION,FINISHED,AL (OPTION 02 ONLY)	80009	200-2414-02
	200-2414-01	B010884		1		COVER,ROM PACKS:4 POSITION,TEK TAN (OPTION 02 ONLY)	80009	200-2414-01
	200-2414-02	B010100	B010777	1		COVER,ROM PACKS:4 POSITION,FINISHED,AL (OPTION 03 ONLY)	80009	200-2414-02
	200-2414-01	B010778		1		COVER,ROM PACKS:4 POSITION,TEK TAN (OPTION 03 ONLY)	80009	200-2414-01
						(ATTACHING PARTS)		
-26	211-0530-00			4		SCREW,MACHINE:6-32 X 1.75 INCH,PNH STL - - - * - - -	83385	OBD

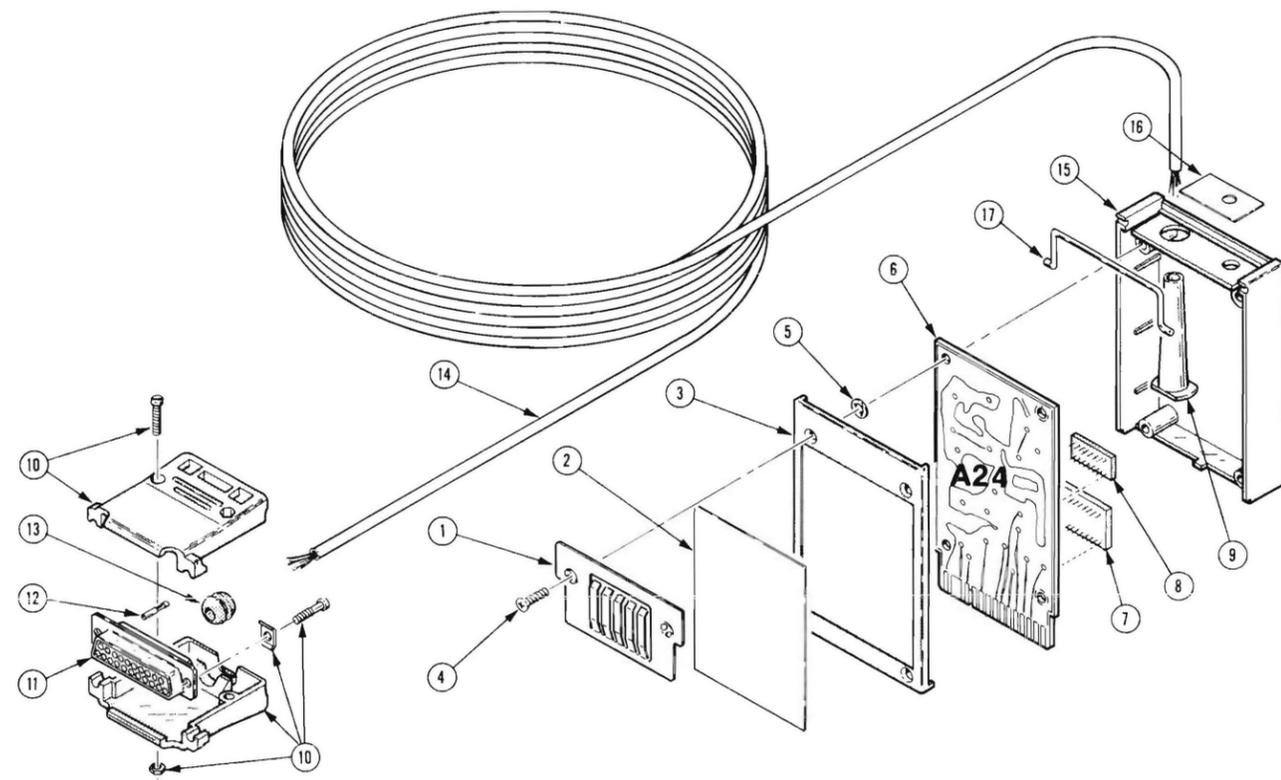
**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
7-27	351-0609-00		1		GUIDE,ROM PACK:ALUMINUM (ATTACHING PARTS)	80009	351-0609-00
-28	211-0504-00		2		SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL - - - * - - -	83385	OBD
-29	381-0420-0C		1		BAR,SUPPORT:CONNECTOR (ATTACHING PARTS)	80009	381-0420-00
-30	211-0198-0C		4		SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ - - - * - - -	77250	OBD
-31	-----		1		CKT BOARD ASSY:(SEE A22 REPL)		
-32	131-1757-01		4		. CONN,RCPT,ELEC:CKT BD,22/44 CONT	05574	3VH22/1JND5
-33	214-3005-00		4		. KEY,CONN PLZN:NYLON	80009	214-3005-00
-34	131-2514-00		3		. CONN,RCPT,ELEC:CKT BD,2 X 10,MALE	00779	86479-1
-35	-----		1		CKT BOARD ASSY:(SEE A21,A23 REPL) (ATTACHING PARTS)		
-36	211-0504-00		2		SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
-37	211-0551-00		2		SCREW,MACHINE:6-32 X 0.562 INCH,PNH STL - - - * - - -	83385	OBD
-38	129-0248-00		2		. SPACER,POST:0.663 INCH LONG,BRS	80009	129-0248-00
-39	131-1791-00		1		. CONN,RCPT,ELEC:CKT BD,25/50 CONTACT (ATTACHING PARTS)	05574	000231-3597
-40	211-0198-00		2		. SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ - - - * - - -	77250	OBD
-41	214-1458-00	B010100 B011499X	1		. KEY,CONN PLZN:CKT BOARD	05574	091-0071-000
-42	131-2515-00		3		. CONN,RCPT,ELEC:CKT BD,2X 10,FEMALE	00779	86418-1
-43	136-0269-02		1		. SKT,PL-IN ELEK:MICROCIRCUIT,14 DIP,LOW CLE - . (OPTION 3 ONLY)	73803	CS9002-14
-44	-----		1		. SOCKET,PLUG-IN:40 DIP,LOW PROFILE - . (OPTION 3 ONLY)		
-45	131-0608-00		9		. TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD - . (OPTION 3 ONLY)	22526	47357
-46	131-0993-00		3		. BUS,CONDUCTOR:2 WIRE BLACK - . (OPTION 3 ONLY)	00779	850100-01
-47	129-0561-00		2		. SPACER,POST:0.535 L,W-4-40 INTL ONE END - . (OPTION 3 ONLY)	80009	129-0561-00
-48	131-1437-00		1		. CONN,RCPT,ELEC:25 FEMALE CONTACT - . (OPTION 3 ONLY)	71468	DB25S-F179
-49	131-0890-00		2		LOCK,CONNECTOR:4-40 X 0.312 L - (OPTION 3 ONLY)	71468	D 20418-2
-50	200-1887-00		1		COVER,FIRMWARE:PLASTIC - (OPTION 2 ONLY) (ATTACHING PARTS)	80009	200-1887-00
-51	211-0097-00		2		SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL - (OPTION 2 ONLY)	83385	OBD
-52	210-0586-00		2		NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - (OPTION 2 ONLY) - - - * - - -	83385	OBD
OPTION 2 STANDARD ACCESSORIES							
	070-2066-01		1		MANUAL,TECH:OPERATORS	80009	070-2066-01
OPTION 1,3 STANDARD ACCESSORIES							
	012-0689-00	B010100 B011293	1		CABLE,INTCON:192.0 L	80009	012-0689-00
	012-0689-01	B011294 B012481	1		CABLE,INTCON:192.0 L	04919	762-125
	012-0689-02	B012482	1		CABLE,INTCON:192.0 L		
	013-0173-01		1		ADAPTER ASSY:SELF TEST	80009	013-0173-01
	070-2066-01		1		MANUAL,TECH:OPERATORS	80009	070-2066-01



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4054/4054A PARTS AND SCHEMATICS

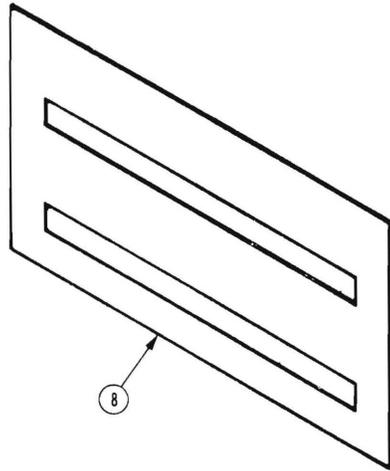
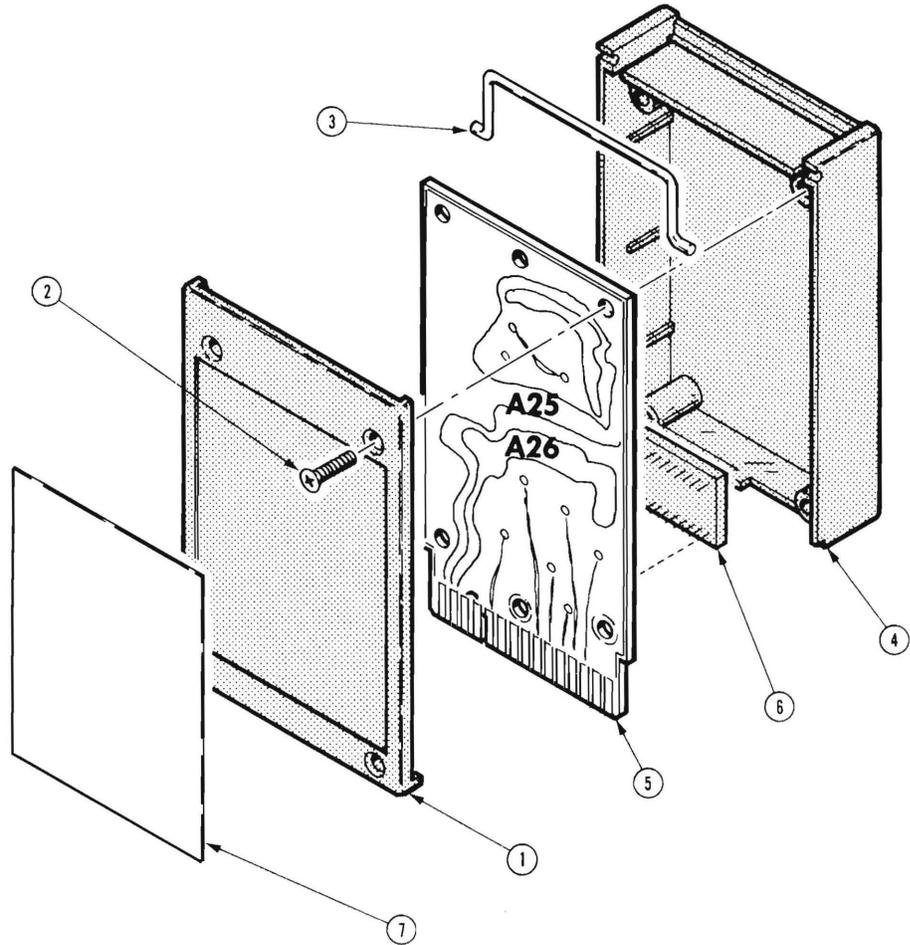


REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
8-1	131-2442-00		1						CONTACT,ELEC:GROUNDING,PH BRZ	80009	131-2442-00
-2	334-3693-00		1						MARKER,IDENT:MKD RS232 PRINTER	80009	334-3693-00
-3	380-0384-01		1						HSG HALF,ROM PK:LID,ABS (ATTACHING PARTS)	80009	380-0384-01
-4	211-0102-00		4						SCREW,MACHINE:4-40 X 0.500",FLH,STL - - - * - - -	83385	OBD
-5	210-1333-00		2						WASHER,FLAT:0.09 ID X 0.007 THK,CU BE	80009	210-1333-00
-6	-----		1						CKT BOARD ASSY:(SEE A24 REPL)		
-7	156-0578-00		2						. MICROCIRCUIT,DI:DUAL 1 SHOT MULTIVIBRATOR	80009	156-0578-00
-8	136-0260-02		1						. SKT,PL-IN ELEK:MICROCIRCUIT,16 DIP,LOW CLE	71785	133-51-92-008
-9	200-1042-03		1						. CABLE NIP,ELEC:0.194 ID,2.0 L,PLASTIC	80009	200-1042-03
	175-2430-00		1						. CA ASSY,SP,ELEC:7,26 AWG,3 METERS	80009	175-2430-00
-10	200-1667-00		1						. . SHLD ELEC CONN:25 CONTACT,TYPE HD SIZE 3	80009	200-1667-00
-11	131-1461-00		1						. . CONN BODY,RCPT:25 FEMALE CONTACTS	00779	205207-1
-12	131-1279-00		8						. . CONTACT,ELEC:MALE,28-24 AWG WIRE,0.040 DIA	00779	205310-4
-13	348-0020-00		1						. . GROMMET,RUBBER:0.25 INCH	70485	374
-14	175-1747-00		AR						. . CABLE,SP,ELEC:7,26 AWG,0.165 DIA	80009	175-1747-00
-15	380-0443-03		1						. HSG HALF,PTR:INTERFACE,ABS	80009	380-0343-03
-16	334-3638-00		1						. MARKER,IDENT:MARKED BAUD RATE	80009	334-3638-00
-17	367-0189-00		1						HANDLE,BOW:2.62 L,SST	91260	OBD
OPTION 10 STANDARD ACCESSORIES											
	070-2908-00		1						MANUAL,TECH:INSTRUCTION	80009	070-2908-00

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
9-1	380-0384-01		1						HSG HALF,ROM PK:LID,ABS (ATTACHING PARTS)	80009	380-0384-01
-2	211-0102-00		4						SCREW,MACHINE:4-40 X 0.500",FLH,STL -----*	83385	OBD
-3	367-0189-00		1						HANDLE,BOW:2.62 L,SST	91260	OBD
-4	380-0343-01		1						HSG HALF,PTR:INNER,ABS	80009	380-0343-01
-5	-----		1						CKT BOARD ASSY:(SEE A25,A26 REPL)		
-6	136-0578-00		1						. SKT,PL-IN ELEK:MICROCKT,24 PIN,LOW PROFILE	73803	C S9002-24
-7	-----		1						MKR,SET,IDENT:		
-8	334-2954-01		5						OVERLAY,KYBD:MARKED EDITORROM PACK	80009	334-2954-01
	-----		-						(4052R06 ONLY)		



Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
STANDARD ACCESSORIES						
161-0066-00		1		CABLE ASSY,PWR,:3 WIRE,98 INCH LONG	80009	161-0066-00
161-0066-09		1		CABLE ASSY,PWR:3,0.75MM SQ,220V,96.0 L	80126	OBD
-----				(OPTION A1 - EUROPEAN)		
161-0066-10		1		CABLE ASSY,PWR:3,0.75MM SQ,220V,96.0 L	80126	OBD
-----				(OPTION A2 - UNITED KINGDOM)		
161-0066-11		1		CABLE ASSY,PWR:3,0.75MM,240V,96.0 L	80126	OBD
-----				(OPTION A3 - AUSTRALIAN)		
161-0066-12		1		CABLE ASSY,PWR:3,18 AWG,240V,96.0 L	80126	OBD
-----				(OPTION A4 - NORTH AMERICAN)		
020-0160-02		1		TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0160-02
020-0160-03		1		TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0160-03
020-0161-02		1		TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0161-02
020-0161-03		1		TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0161-03
016-0353-00		1		BRD,LOOSE:LEAF:2.0 CAP RING,VINYL COVER	80009	016-0353-00
016-0367-00		1		BDR,LOOSE-LEAF:2.0 CAP RING,VINYL COVER	80009	016-0367-00
016-0369-00		1		DIV,LOOSE LEAF:6 OVERLAY POCKETS,VINYL	80009	016-0369-00
334-3571-00		1		MARKER,IDENT:MARKED OPERATORS MANUAL	80009	334-3571-00
334-3572-00		1		MARKER,IDENT:MARKED REFERENCE MANUAL	80009	334-3572-00
-----				OVERLAY,KYBD:BLANK		
070-1940-01		1		MANUAL,TECH:OPERATORS 4050 SERIES	80009	070-1940-01
070-2056-01		1		MANUAL,TECH:REFERENCE 4050 SERIES	80009	070-2056-01
070-2142-02		1		CARD INFO:REFERENCE 4050 SERIES	80009	070-2142-02
070-2058-01		1		MANUAL,TECH:INSTRUCTION PLOT 50	80009	070-2058-01
070-2059-01		1		MANUAL,TECH:INSTRUCTION PLOT 50	80009	070-2059-01
OPTIONAL ACCESSORIES						
012-0630-01		1		CABLE,INTCON:2 METERS LONG	74868	AC30111102 REVC
119-1097-00	B010100 B105979	1		CARTRIDGE,TAPE:MAGNETIC TAPE W/O LABEL		
119-0680-01	B105980	1		CARTRIDGE,TAPE:MAGNETIC	80009	119-0680-01
334-2630-02		1		OVERLAY,KYBD:BLANK,PACKAGE OF TEN	80009	334-2630-02
070-2839-03		1		MANUAL,TECH:SERVICE,4054	80009	070-2839-03

OPTIONS

OPT	ORDER NO.	DESCRIPTION
01	4052F01	FLD INSTL INTFC:DATA COMMUNICATION
02	4052F02	FIELD INSTALLED:4 SLOT ROM BACKPACK
03	4052F03	FLD INSTL INTFC:DATA COMM 4 SLOT
10	4052F10	FLD INSTL INTFC:RS232 PRINTER
24	040-0895-00	MOD KIT:MEMORY EXPANSION
27		EXTENDED MEMORY:256k
28		EXTENDED MEMORY:512k
A1		UNIVERSAL EUROPEAN POWER
A2		240V UK POWER
A3		240V AUSTRALIAN POWER
A4		240V NORTH AMERICAN POWER

# Section 9 REPLACEABLE MECHANICAL PARTS

## PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

## SPECIAL NOTES AND SYMBOLS

X000 Part first added at this serial number  
00X Part removed after this serial number

## FIGURE AND INDEX NUMBERS

Items in this section are referenced by figure and index numbers to the illustrations.

## INDENTATION SYSTEM

This mechanical parts list is indented to indicate item relationships. Following is an example of the indentation system used in the description column.

```

1 2 3 4 5           Name & Description
Assembly and/or Component
Attaching parts for Assembly and/or Component
    --- * ---
Detail Part of Assembly and/or Component
Attaching parts for Detail Part
    --- * ---
Parts of Detail Part
Attaching parts for Parts of Detail Part
    --- * ---
    
```

Attaching Parts always appear in the same indentation as the item it mounts, while the detail parts are indented to the right. Indented items are part of, and included with, the next higher indentation. The separation symbol --- \* --- indicates the end of attaching parts.

**Attaching parts must be purchased separately, unless otherwise specified.**

## ITEM NAME

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

## ABBREVIATIONS

"	INCH	ELCTRN	ELECTRON	IN	INCH	SE	SINGLE END
#	NUMBER SIZE	ELEC	ELECTRICAL	INCAND	INCANDESCENT	SECT	SECTION
ACTR	ACTUATOR	ELCTLT	ELECTROLYTIC	INSUL	INSULATOR	SEMICOND	SEMICONDUCTOR
ADPTR	ADAPTER	ELEM	ELEMENT	INTL	INTERNAL	SHLD	SHIELD
ALIGN	ALIGNMENT	EPL	ELECTRICAL PARTS LIST	LPHLDR	LAMPHOLDER	SHLDR	SHOULDERED
AL	ALUMINUM	EQPT	EQUIPMENT	MACH	MACHINE	SKT	SOCKET
ASSEM	ASSEMBLED	EXT	EXTERNAL	MECH	MECHANICAL	SL	SLIDE
ASSY	ASSEMBLY	FIL	FILLISTER HEAD	MTG	MOUNTING	SLFLKG	SELF-LOCKING
ATTEN	ATTENUATOR	FLEX	FLEXIBLE	NIP	NIPPLE	SLVG	SLEEVING
AWG	AMERICAN WIRE GAGE	FLH	FLAT HEAD	NON WIRE	NOT WIRE WOUND	SPR	SPRING
BD	BOARD	FLTR	FILTER	OBD	ORDER BY DESCRIPTION	SQ	SQUARE
BRKT	BRACKET	FR	FRAME or FRONT	OD	OUTSIDE DIAMETER	SST	STAINLESS STEEL
BRS	BRASS	FSTNR	FASTENER	OVH	OVAL HEAD	STL	STEEL
BRZ	BRONZE	FT	FOOT	PH BRZ	PHOSPHOR BRONZE	SW	SWITCH
BSHG	BUSHING	FXD	FIXED	PL	PLAIN or PLATE	T	TUBE
CAB	CABINET	GSKT	GASKET	PLSTC	PLASTIC	TERM	TERMINAL
CAP	CAPACITOR	HDL	HANDLE	PN	PART NUMBER	THD	THREAD
CER	CERAMIC	HEX	HEXAGON	PNH	PAN HEAD	THK	THICK
CHAS	CHASSIS	HEX HD	HEXAGONAL HEAD	PWR	POWER	TNSN	TENSION
CKT	CIRCUIT	HEX SOC	HEXAGONAL SOCKET	RCPT	RECEPTACLE	TPG	TAPPING
COMP	COMPOSITION	HLCPS	HELICAL COMPRESSION	RES	RESISTOR	TRH	TRUSS HEAD
CONN	CONNECTOR	HLEXT	HELICAL EXTENSION	RGD	RIGID	V	VOLTAGE
COV	COVER	HV	HIGH VOLTAGE	RLF	RELIEF	VAR	VARIABLE
CPLG	COUPLING	IC	INTEGRATED CIRCUIT	RTNR	RETAINER	W/	WITH
CRT	CATHODE RAY TUBE	ID	INSIDE DIAMETER	SCH	SOCKET HEAD	WSHR	WASHER
DEG	DEGREE	IDENT	IDENTIFICATION	SCOPE	OSCILLOSCOPE	XFMR	TRANSFORMER
DWR	DRAWER	IMPLR	IMPELLER	SCR	SCREW	XSTR	TRANSISTOR

**REPLACEABLE MECHANICAL PARTS**

**CROSS INDEX---MFR. CODE NUMBER TO MANUFACTURER**

Mfr. Code	Manufacturer	Address	City, State, Zip
S3109	C/O PANEL COMPONENTS CORP.	P. O. BOX 6626	SANTA ROSA, CA 95406
000AE	GARDNER SPRING COMPANY	1115 N UTICA	TULSA, OK 74110
000AH	STANDARD PRESSED STEEL CO., UNBRAKO DIV.	8535 DICE ROAD	SANTA FE SPRINGS, CA 90670
000BK	STAUFFER SUPPLY	105 SE TAYLOR	PORTLAND, OR 97214
000CP	AIMSCO	4024 22ND AVE. WEST	SEATTLE, WA 98199
000CY	NORTHWEST FASTENER SALES, INC.	7923 SW CIRrus DRIVE	BEAVERTON, OR 97005
000EO	ZEPHER ELECTRONIC SALES CORP.	647 INDUSTRY DRIVE	SEATTLE, WA 98188
000GB	PITTMAN CORP	343 GODSHALL DRIVE	HARLEYSVILLE, PA 19438
000GY	DEK INC.	3480 SWENSEN AVE.	ST. CHARLES, IL 60174
00613	USM CORPORATION, MOLLY FASTENER DIVISION	504 MT. LAUREL AVENUE	TEMPLE, PA 19560
00779	AMP, INC.	P O BOX 3608	HARRISBURG, PA 17105
01295	TEXAS INSTRUMENTS, INC , SEMICONDUCTOR GROUP	P O BOX 5012, 13500 N CENTRAL EXPRESSWAY	DALLAS, TX 75222
01963	CHERRY ELECTRICAL PRODUCTS CORPORATION	3600 SUNSET AVENUE	WAUKEGAN, IL 60085
02777	HOPKINS ENGINEERING COMPANY	12900 Foothill Blvd.	SAN FERNANDO, CA 91342
04009	ARROW-HART, INC.	103 HAWTHORNE STREET	HARTFORD, CT 06106
05574	VIKING INDUSTRIES, INC.	21001 NORDHOFF STREET	CHATSWORTH, CA 91311
06090	RAYCHEM CORPORATION	300 CONSTITUTION DRIVE	MENLO PARK, CA 94025
06383	PANDUIT CORPORATION	17301 RIDGELAND	TINLEY PARK, IL 60477
06915	RICHCO PLASTIC CO.	5825 N. TRIPP AVE.	CHICAGO, IL 60646
07109	OAKTRON INDUSTRIES, INC.	704 30TH STREET	MONROE, WI 53566
07322	MINNESOTA RUBBER CO.	3630 WOODDALE AVENUE	MINNEAPOLIS, MN 55416
07707	USM CORP., USM FASTENER DIV.	510 RIVER RD.	SHELTON, CT 06484
08261	SPECTRA-STRIP CORP.	7100 LAMPSON AVE.	GARDEN GROVE, CA 92642
09922	BURNDY CORPORATION	RICHARDS AVENUE	NORWALK, CT 06852
11897	PLASTIGLIDE MFG. CORPORATION	P O BOX 867, 1757 STANFORD ST.	SANTA MONICA, CA 90406
11983	NORTRONICS COMPANY, INC.	8101 10TH AVENUE NORTH	MINNEAPOLIS, MN 55427
12327	FREEWAY CORPORATION	9301 ALLEN DRIVE	CLEVELAND, OH 44125
12703	JUDD WIRE DIV. ELECTRONIZED CHEMICALS CORP.	250 TURNPIKE RD P.O. BOX 390	TURNERS FALLS, MA 01376
15819	SINCLAIR AND RUSH INC.	6919 SOUTH BROADWAY	ST. LOUIS, MO 63111
16428	BELDEN CORP.	P. O. BOX 1331	RICHMOND, IN 47374
18565	CHOMERICS INC.	77 DRAGON COURT	WOBBURN, MA 01801
20093	ELECTRICAL INDUSTRIES, DIV. NORTH AMERICAN PHILLIPS CORPORATION	693 CENTRAL AVENUE	MURRAY HILL, NJ 07974
20999	MINNESOTA MINING AND MFG CO., INDUSTRIAL ELECTRICAL PRODUCTS DIVISION	3M CENTER	ST. PAUL, MN 55101
22526	BERG ELECTRONICS, INC.	YOUK EXPRESSWAY	NEW CUMBERLAND, PA 17070
22599	ESNA, DIV. OF AMERACE CORPORATION	16150 STAGG STREET	VAN NUYS, CA 91409
23050	PRODUCT COMPONENTS CORP	30 LORRAINE AVE.	MT VERNON, NY 10553
23740	AMUNEAL MFG., CORP.	4737 DARRAH	PHILADELPHIA, PA 19124
26365	GRIES REPRODUCER CO., DIV. OF COATS AND CLARK, INC.	125 BEECHWOOD AVE.	NEW ROCHELLE, NY 10802
27014	NATIONAL SEMICONDUCTOR CORP.	2900 SEMICONDUCTOR DR.	SANTA CLARA, CA 95051
27264	MOLEX PRODUCTS CO.	5224 KATRINE AVE.	DOWNERS GROVE, IL 60515
28520	HEYMAN MFG. CO.	147 N. MICHIGAN AVE.	KENILWORTH, NJ 07033
31223	MICRO PLASTICS, INC.	20821 DEARBORN STREET	CHATSWORTH, CA 91311
34785	DEK INC.	1555 HAWTHORNE LN.	W CHICAGO, IL 60185
50778	PORTESCAP, US	730 FIFTH AVENUE	NEW YORK, NEW YORK 10019
52905	SIMPLEX MFG. COMPANY	5224 NE 42ND AVENUE	PORTLAND, OREGON 97218
55285	BERGQUIST CO. INC.	5300 EDINA INDUSTRIAL BLVD	MINNEAPOLIS, MN 55435
55442	OPTO 22	5842 RESEARCH DRIVE	HUNTINGTON BEACH, CA 92649
59730	THOMAS AND BETTS COMPANY	36 BUTLER ST.	ELIZABETH, NJ 07207
70485	ATLANTIC INDIA RUBBER WORKS, INC.	571 W. POLK ST.	CHICAGO, IL 60607
70903	BELDEN CORP.	2000 S BATAVIA AVENUE	GENEVA, IL 60134
71468	ITT CANNON ELECTRIC	666 E. DYER RD.	SANTA ANA, CA 92702
71785	TRW, CINCH CONNECTORS	1501 MORSE AVENUE	ELK GROVE VILLAGE, IL 60007
73743	FISCHER SPECIAL MFG. CO.	446 MORGAN ST.	CINCINNATI, OH 45206
73803	TEXAS INSTRUMENTS, INC., METALLURGICAL MATERIALS DIV.	34 FOREST STREET	ATTLEBORO, MA 02703
74868	BUNKER-RAMO CORP., THE AMPHENOL RF DIV.	33 E. FRANKLIN ST.	DANBURY, CT 06810
74921	ITEN FIBRE CO.,	4001 BENEFIT AVE., P O BOX 9	ASHTABULA, OH 44004
75037	MINNESOTA MINING & MFG CO. ELECTRO PRODUCTS DIV.	3M CENTER	ST. PAUL, MN 55101
77250	PHEOLL MANUFACTURING CO., DIVISION OF ALLIED PRODUCTS CORP.	5700 W. ROOSEVELT RD.	CHICAGO, IL 60650

## CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
77339	NATIONAL LOCK WASHER COMPANY	P O BOX 5115,INDUSTRIAL PARKWAY	NORTH BRANCH, NJ 08856
78189	ILLINOIS TOOL WORKS, INC. SHAKEPROOF DIVISION	ST. CHARLES ROAD	ELGIN, IL 60120
79136	WALDES, KOHINOOR, INC.	47-16 AUSTEL PLACE	LONG ISLAND CITY, NY 11101
80009	TEKTRONIX, INC.	P O BOX 500	BEAVERTON, OR 97077
80126	PACIFIC ELECTRICORD CO.	747 W. REDONDO BEACH,P O BOX 10	GARDENA, CA 90247
81041	HOWARD INDUSTRIES, DIVISION OF MSL INDUSTRIES, INC.	P O BOX 287	MILFORD, IL 60953
81646	PARKER HANNIFER CORP., CLAMP & FASTENER DIV.	1000 PENNSYLVANIA AVE.	BROOKLYN, NY 11207
82877	ROTRON, INC.	7-9 HASBROUCK LANE	WOODSTOCK, NY 12498
83309	ELECTRICAL SPECIALITY CO., SUBSIDIARY OF BELDEN CORP.	213 E. HARRIS AVE. SOUTH	SAN FRANCISCO, CA 94080
83385	CENTRAL SCREW CO.	2530 CRESCENT DR.	BROADVIEW, IL 60153
85471	BOYD, A. B., CO.	2527 GRANT AVENUE	SAN LEANDRO, CA 94579
86928	SEASTROM MFG. COMPANY, INC.	701 SONORA AVENUE	GLENDALE, CA 91201
87308	N. L. INDUSTRIES, INC., SOUTHERN SCREW DIV.	P. O. BOX 1360	STATESVILLE, NC 28677
90484	ITT, SURPRENANT DIV.	172 STERLING STREET	CLINTON, MA 01510
91260	CONNOR SPRING AND MFG. CO.	1729 JUNCTION AVE.	SAN JOSE, CA 95112
91506	AUGAT, INC.	33 PERRY AVE.	ATTLEBORO, MA 02703
91637	DALE ELECTRONICS, INC.	P. O. BOX 609	COLUMBUS, NE 68601
91886	MALCO A MICRODOT CO.	12 PROGRESS DRIVE	MONTGOMERYVILLE, PA 18936
93907	TEXTRON INC. CAMCAR DIV	600 18TH AVE	ROCKFORD, IL 61101
95987	WECKESSER CO., INC.	4444 WEST IRVING PARK RD.	CHICAGO, IL 60641
97464	INDUSTRIAL RETAINING RING CO.	57 CORDIER ST.	IRVINGTON, NJ 07111
98278	MALCO A MICRODOT COMPANY, INC. CONNECTOR AND CABLE DIVISION	220 PASADENA AVE.	SOUTH PASADENA, CA 91030
98978	INTERNATIONAL ELECTRONIC RESEARCH CORP.	135 W. MAGNOLIA BLVD.	BURBANK, CA 91502
99742	PERMACEL DIV. OF JOHNSON AND JOHNSON	U. S. HIGHWAY 1	NEW BRUNSWICK, NJ 08901

**REPLACEABLE MECHANICAL PARTS**

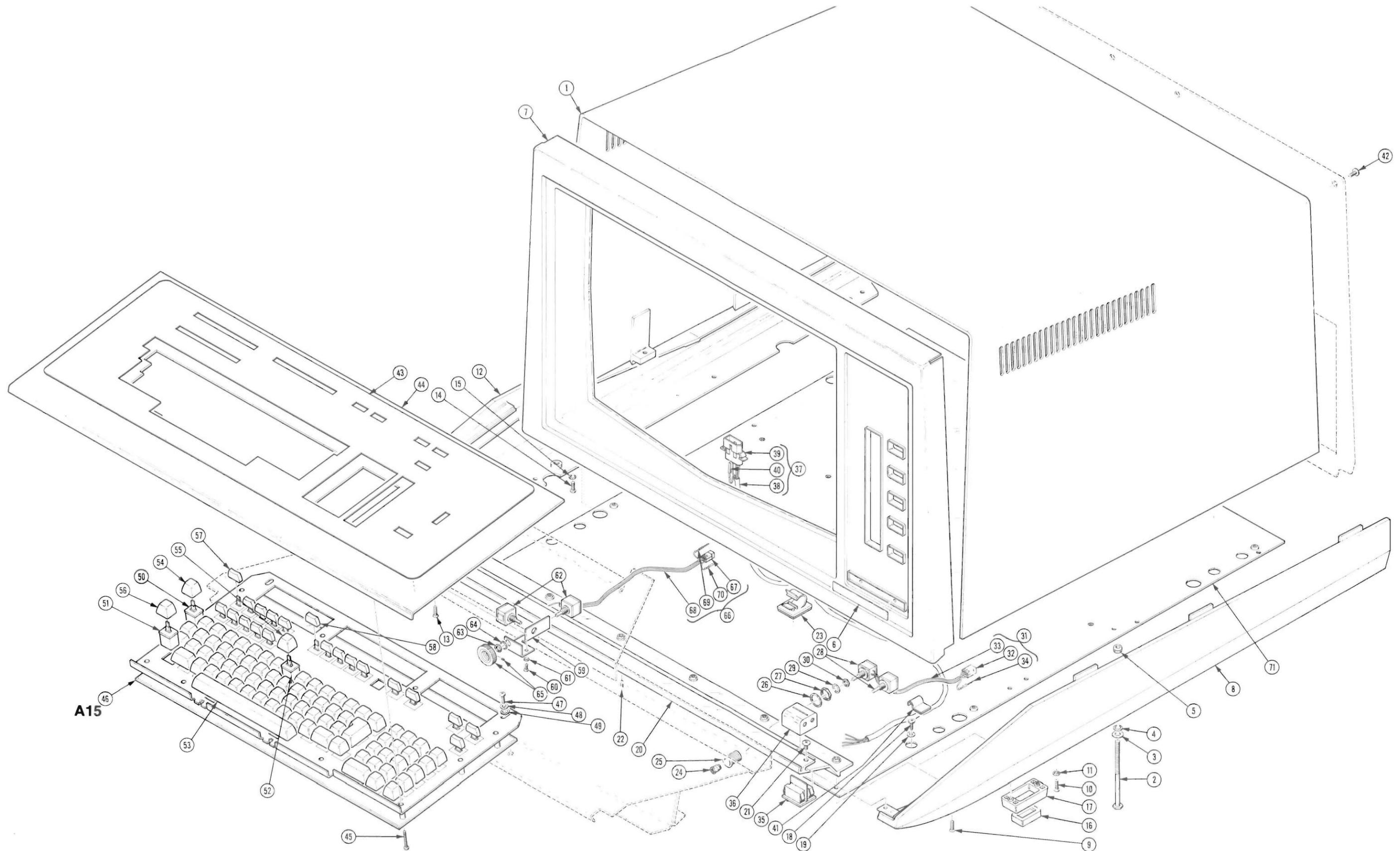
Fig. & Index No.	Tektronix Part No	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
1-1	390-0691-02		1						CABINET TOP:ALUMINUM (ATTACHING PARTS)	80009	390-0691-02
-2	212-0543-00		2						SCREW,MACHINE:10-32 X 3.75OHEX HD	83385	OBD
-3	210-0805-00		2						WASHER,FLAT:0.204 ID X 0.438 INCH OD,STL	12327	OBD
-4	210-0010-00		2						WASHER,LOCK:INT,0.20 ID X0.376" OD,STL	78189	1210-00-00-0541C
-5	348-0020-00		2						GROMMET,RUBBER:0.25 INCH - - - * - - -	70485	374
-6	334-4806-00		1						MARKER,IDENT:MKD TEKTRONIX		
-7	331-0550-01		1						MASK,CRT:		
-8	390-0699-00		1						CAB.SIDE,CALC:RIGHT,FINISHED (ATTACHING PARTS)	80009	390-0699-00
-9	211-0512-00		1						SCREW,MACHINE:6-32 X 0.50" 100 DEG,FLH STL	83385	OBD
-10	211-0510-00		3						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-11	210-0006-00		3						WASHER,LOCK:#6 INTL,0.018THK,STL CD PL - - - * - - -	78189	1206-00-00-0541C
-12	390-0700-00		1						CAB.SIDE,CALC:LEFT,FINISHED (ATTACHING PARTS)	80009	390-0700-00
-13	211-0512-00		1						SCREW,MACHINE:6-32 X 0.50" 100 DEG,FLH STL	83385	OBD
-14	211-0510-00		3						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-15	210-0006-00		3						WASHER,LOCK:#6 INTL,0.018THK,STL CD PL - - - * - - -	78189	1206-00-00-0541C
-16	348-0178-00		4						BUMPER,PLASTIC:2.0 W X 0.40 INCH H	80009	348-0178-00
-17	348-0177-00		4						PAD,CABINET FT:1.25 W X 0.50 INCH H (ATTACHING PARTS)	80009	348-0177-00
-18	213-0054-00		8						SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL	93907	OBD
-19	210-0803-00		8						WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL - - - * - - -	12327	OBD
-20	426-1564-00		1						FRAME SECT,CAB.: (ATTACHING PARTS)	80009	426-1564-00
-21	212-0001-00		2						SCREW,MACHINE:8-32 X 0.250 INCH,PNH STL	77250	OBD
-22	211-0559-00		4						SCREW,MACHINE:6-32 X 0.375"100 DEG,FLH STL - - - * - - -	83385	OBD
-23	343-0835-00		2						CLAMP,LOOP:0.375 ID,NYLON W/ADH BACK	34785	021-0375
-24	366-0261-03		2						KNOB:SIL GY,0.129 ID X 0.312 OD	80009	366-0261-03
-25	103-0214-00		2						ADPTR,VAR RES:0.25-32 INT THD,0.738 L,AL (ATTACHING PARTS)	80009	103-0214-00
-26	210-0021-00		2						WASHER,LOCK:INTL,0.476 ID X 0.60"OD STL	78189	1222-01-00-0541C
-27	210-0559-00		2						NUT,PLAIN,HEX:0.435-28 X 0.562,BRS CD PL - - - * - - -	80009	210-0559-00
-28	-----		2						RESISTOR,VAR:(SEE R5001,R5002 REPL) (ATTACHING PARTS)		
-29	210-0046-00		2						WASHER,LOCK:0.261 ID,INTL,0.018 THK,BRS	78189	1214-05-00-0541C
-30	210-0562-00		2						NUT,PLAIN,HEX.:0.25-40 X 0.312 INCH,BBS - - - * - - -	73743	2X20224-402
-31	175-2660-00		1						CA ASSY,SP,ELEC:4,26 AWG,6.0 L,RIBBON	80009	175-2660-00
-32	352-0177-00		1						. CONN BODY,PL,EL:6 WIRE,DBL ROW BLACK - . (P308)	80009	352-0177-00
-33	175-0827-00		AR						. CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)0C
-34	131-0965-00		4						. CONTACT,ELEC:0.25" SQ,22-26 AWG WIRE	22526	47792
	175-2642-00		1						CA ASSY,SP,ELEC:4,18 AWG,40.0 L	80009	175-2642-00
-35	260-1842-00		1						. SWITCH,ROCKER:DPST,16A,250VAC - . (S5001)	04009	2600-11E 718
-36	200-2301-00		1						. COVER,SWITCH:POWER,SILICONE RUBBER	80009	200-2301-00
-37	175-1577-00		1						. CABLE,SP,ELEC:4,18 AWG,TWISTED	80009	175-1577-00
-38	162-0561-00		AR						. INSUL SLVG,ELEC:HT SHRINK,0.093,POLYOLEFIN	06090	VERSAFIT
-39	131-0946-00		1						. CONNECTOR BODY,:FEMALE,4 CONTACT - . (P5013)	27264	03-09-2041
-40	131-0945-00		4						. CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-2101
-41	343-0298-00		2						CLAMP,LOOP:PLASTIC,W/ADHESIVE BACK	95987	HPC25
-42	212-0518-00		4						SCREW,MACHINE:10-32 X 0.312,PNH,STL,CD PL	83385	OBD
-43	334-3474-01		1						OVERLAY,KYBD:BLANK		
-44	333-2496-01		1						PANEL,FRONT: (ATTACHING PARTS)	80009	333-2496-01
-45	211-0019-00		12						SCREW,MACHINE:4-40 X 1.0 INCH,PNH STL - - - * - - -	83385	OBD

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mtr Code	Mfr Part Number
1-46	119-1050-00		1		KEYBOARD, CALC: (ATTACHING PARTS)	01963	B80-13AC
-47	211-0542-00		2		SCREW, MACHINE: 6-32 X 0.312 INCH, TRH STL	83385	OBD
-48	210-0803-00		2		WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-49	210-0009-00		2		WASHER, LOCK: EXT, 0.193ID X 0.40" OD, STL	78189	1110-00
					- - - * - - -		
-50	260-1393-01		2		. SWITCH, PUSH: SPST, NO, KYBD SW, HIGH ACTG F	01963	M51-0101
-51	118-0081-00		1		. SWITCH, PUSH: 4051 KEYBOARD	01963	M61-0800
-52	260-1393-00		95		. SWITCH, PUSH: SPST, NO KEYBOARD SWITCH	01963	M61-0100
-53	119-0423-00		1		. SPACE BAR ASSY:	01963	B99-0003
-54	366-1790-02		1		. PUSH BUTTON: GOLD, HOME PAGE	01963	223-0201
	366-1790-01		1		. PUSH BUTTON: TV GRAY, LEFT BRACE/LEFT BRKT	01963	223-0187
	366-1766-05		1		. PUSH BUTTON: LT GRAY, !/1	01963	223-0094
	366-1790-18		1		. PUSH BUTTON: TEK TAN, "/2	01963	223-0180
	366-1766-03		1		. PUSH BUTTON: LT GRAY, #/3	01963	223-0096
	366-1766-02		1		. PUSH BUTTON: LT GRAY, \$/4	01963	223-0097
	366-1766-12		1		. PUSH BUTTON: LT GRAY, %/5	01963	223-0098
	366-1790-22		1		. PUSH BUTTON: TEK TAN, &/6	01963	223-0181
	366-1790-21		1		. PUSH BUTTON: TEK TAN ' /7	01963	223-0182
-55	366-1790-19		1		. PUSH BUTTON: TEK TAN, (/8	01963	223-0183
	366-1790-20		1		. PUSH BUTTON: TEK TAN, )/9	01963	223-0184
	366-1790-17		1		. PUSH BUTTON: TEK TAN, 0	01963	223-0190
	366-1790-16		1		. PUSH BUTTON: TEK TAN, */:	01963	223-0185
	366-1790-15		1		. PUSH BUTTON: TEK TAN, =/-	01963	223-0186
	366-1790-14		1		. PUSH BUTTON: TV GRAY, RIGHTBRACE/RIGHT	01963	223-0188
	366-1790-13		1		. PUSH BUTTON: TV GRAY, BACK SPACE	01963	223-0191
	366-1790-12		1		. PUSH BUTTON: TV GRAY, ESC	01963	223-1128
	366-1790-11		1		. PUSH BUTTON: TV GRAY, TILDE/ARROW UP	01963	223-1129
	366-1766-63		1		. PUSH BUTTON: LT GRAY, Q	01963	223-1068
	366-1766-20		1		. PUSH BUTTON: LT GRAY, W	01963	223-1069
	366-1766-52		1		. PUSH BUTTON: LT GRAY, E	01963	223-1070
	366-1766-64		1		. PUSH BUTTON: LT GRAY, R	01963	223-1071
	366-1766-65		1		. PUSH BUTTON: LT GRAY, T	01963	223-1072
	366-1766-70		1		. PUSH BUTTON: LT GRAY, Y	01963	223-1073
	366-1766-67		1		. PUSH BUTTON: LT GRAY, U	01963	223-1074
	366-1766-43		1		. PUSH BUTTON: DK GRAY, I	01963	223-1075
	366-1766-61		1		. PUSH BUTTON: LT GRAY, O	01963	223-1076
	366-1766-62		1		. PUSH BUTTON: LT GRAY, P	01963	223-1077
	366-1790-10		1		. PUSH BUTTON: TEK TAN, @/BACK SPACE	01963	223-1130
	366-1790-09		1		. PUSH BUTTON: TV GRAY, LF	01963	223-1131
	366-1790-08		1		. PUSH BUTTON: TV GRAY, RETURN	01963	223-5554
	366-1790-07		1		. PUSH BUTTON: TV GRAY, TAB	01963	228-2016
	366-1766-42		1		. PUSH BUTTON: DK GRAY, CTRL	01963	228-3106
	366-1766-48		1		. PUSH BUTTON: LT GRAY, A	01963	228-6703
	366-1766-66		1		. PUSH BUTTON: LT GRAY, S	01963	228-6704
	366-1766-51		1		. PUSH BUTTON: LT GRAY, D	01963	228-6705
	366-1766-53		1		. PUSH BUTTON: LT GRAY, F	01963	228-5921
	366-1766-54		1		. PUSH BUTTON: LT GRAY, G	01963	228-6707
	366-1766-55		1		. PUSH BUTTON: LT GRAY, H	01963	228-6708
	366-1766-56		1		. PUSH BUTTON: LT GRAY, J	01963	228-5922
	366-1766-57		1		. PUSH BUTTON: LT GRAY, K	01963	228-6710
	366-1766-58		1		. PUSH BUTTON: LT GRAY, L	01963	228-6711
	366-1790-06		1		. PUSH BUTTON: TEK TAN, +/;	01963	228-6712
	366-1790-05		1		. PUSH BUTTON: TV GRAY, BACK SLASH/'	01963	228-6674
	366-1790-04		1		. PUSH BUTTON: TV GRAY, RUB OUT	01963	228-6887
-56	366-1790-03		1		. PUSH BUTTON: TV GRAY, TTY LOCK	01963	223-2106
	366-1766-29		1		. PUSH BUTTON: DK GRAY, SHIFT	01963	223-4502
	366-1766-71		1		. PUSH BUTTON: LT GRAY, Z	01963	223-2056
	366-1766-69		1		. PUSH BUTTON: LT GRAY, X	01963	223-2057
	366-1766-50		1		. PUSH BUTTON: LT GRAY, C	01963	223-2058
	366-1766-68		1		. PUSH BUTTON: LT GRAY, V	01963	223-2059
	366-1766-49		1		. PUSH BUTTON: LT GRAY, B	01963	223-2060
	366-1766-60		1		. PUSH BUTTON: LT GRAY, N	01963	223-2061
	366-1766-59		1		. PUSH BUTTON: LT GRAY, M	01963	223-2062
	366-1766-28		1		. PUSH BUTTON: LT GRAY, </,	01963	223-2064
	366-1766-27		1		. PUSH BUTTON: LT GRAY, >/,	01963	223-2064

# REPLACEABLE MECHANICAL PARTS

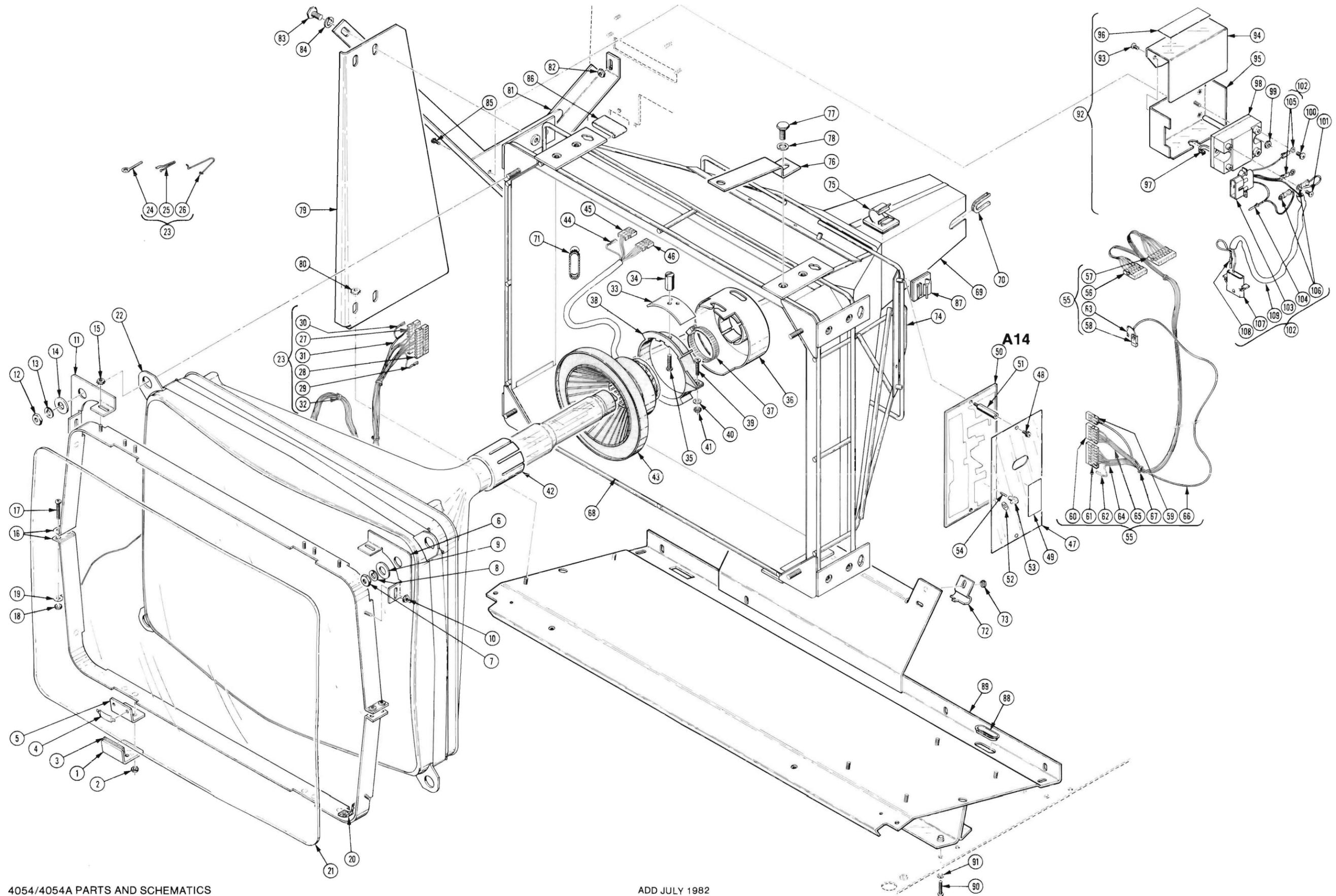
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
1-	366-1766-26		1	.					PUSH BUTTON:DK GRAY,?/SLASH	01963	223-2065
	366-1766-29		1	.					PUSH BUTTON:DK GRAY,SHIFT	01963	223-4502
	366-1790-00		1	.					PUSH BUTTON:GOLD,BREAK	01963	223-2105
	366-1790-23		1	.					PUSH BUTTON:TV GRAY,(	01963	228-6675
	366-1790-24		1	.					PUSH BUTTON:TEK TAN,ENTEREXP	01963	228-6889
	366-1790-23		1	.					PUSH BUTTON:TV GRAY,(	01963	228-6675
	366-1790-26		1	.					PUSH BUTTON:TV GRAY,ARROWUP	01963	228-6676
	366-1790-27		1	.					PUSH BUTTON:TEK TAN,7	01963	228-6723
	366-1790-28		1	.					PUSH BUTTON:TEK TAN,8	01963	228-6724
	366-1790-29		1	.					PUSH BUTTON:TEK TAN,9	01963	228-6725
	366-1790-30		1	.					PUSH BUTTON:TV GRAY,/	01963	228-6677
	366-1790-41		1	.					PUSH BUTTON:TEK TAN,4	01963	228-6726
	366-1790-40		1	.					PUSH BUTTON:TEK TAN,5	01963	228-3615
	366-1790-29		1	.					PUSH BUTTON:TEK TAN,9	01963	228-6725
	366-1790-38		1	.					PUSH BUTTON:TV GRAY,*	01963	228-6890
	366-1790-37		1	.					PUSH BUTTON:TEK TAN,1	01963	228-6728
	366-1790-36		1	.					PUSH BUTTON:TEK TAN,2	01963	228-6729
	366-1790-35		1	.					PUSH BUTTON:TEK TAN,3	01963	228-6730
	366-1790-34		1	.					PUSH BUTTON:TV GRAY,-	01963	228-6678
	366-1790-33		1	.					PUSH BUTTON:TEK TAN,0	01963	228-0136
	366-1790-32		1	.					PUSH BUTTON:TEK TAN,.	01963	228-6731
	366-1790-31		1	.					PUSH BUTTON:TV GRAY,+	01963	228-6679
-57	366-1502-00		10						PUSH BUTTON:SIL CY,0.715 X 0.23 X 0.41	80009	366-1502-00
-58	366-1671-00		10						PUSH BUTTON:BLANK,DARK GRAY	80009	366-1671-00
-59	407-1463-01		1						BRACKET,ANGLE:HIGH VOLTAGE XFMR,ALUMINUM (ATTACHING PARTS)	80009	407-1463-01
-60	211-0008-00		2						SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL	83385	OBD
-61	210-0054-00		2						WASHER,LOCK:SPLIT,0.118 ID X 0.212"OD STL - - - * - - -	83385	OBD
-62	-----		2						RESISTOR,VAR:(SEE R5003,R5004 REPL) (ATTACHING PARTS)		
-63	210-0465-00		2						NUT,PLAIN,HEX.:0.25-32 X 0.375 INCH BRS	73743	3095-402
-64	210-0011-00		2						WASHER,LOCK:0.25 ID,INTL,0.025 THK STL - - - * - - -	000BK	OBD
-65	366-1814-00		2						KNOB:0.127 ID X 1.05 OD X 0.297	80009	366-1814-00
-66	175-2662-00		1						CA ASSY,SP,ELEC:4,26 AWG,7.0 L,RIBBON	80009	175-2662-00
-67	352-0176-00		1						CONN BODY,PL,EL:4 WIRE,DBL ROW BLACK - (SEE P5003 REPL)	80009	352-0176-00
-68	175-0827-00		AR						CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)OC
-69	131-0707-00		1						CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-70	131-0965-00		3						CONTACT,ELEC:0.25" SQ,22-26 AWG WIRE	22526	47792
-71	390-0688-00		1						CABINET,BOTTOM:	80009	390-0688-00



A15

ADD JULY 1982

4054/4054A PARTS AND SCHEMATICS



REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
2-1	343-0666-00		4		CLAMP, FILTER: UPPER LEFT, LOWER RIGHT (ATTACHING PARTS)	80009	343-0666-00
-2	210-0457-00		8		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-3	253-0137-00		AR		RL TAPE: 1.25W X 4.5 INCH L, ADH, SIL RBR	99742	2650
-4	131-1520-00		4		CONTACT, ELEC: GROUNDING	80009	131-1520-00
-5	352-0490-00		4		HOLDER, CONTACT:	80009	352-0490-00
-6	407-2019-00		2		BRKT, RTNG STRAP: LWR LEFT OR UPPER RIGHT, AL (ATTACHING PARTS)	80009	407-2019-00
-7	210-0411-00		2		NUT, PLAIN, HEX.: 0.25-20 X 0.438 INCH STL	73743	OBD
-8	210-0016-00		2		WASHER, LOCK: SPLIT, 0.259 ID X 0.489 OD, STL	77339	6507
-9	210-1044-00		2		WASHER, FLAT: 0.375 ID X 0.75 INCH OD, STL	86928	OBD
-10	210-0457-00		4		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-11	407-2018-00		2		BRKT, RTNG STRAP: UPPER LEFT OR LWR RIGHT, AL (ATTACHING PARTS)	80009	407-2018-00
-12	210-0411-00		2		NUT, PLAIN, HEX.: 0.25-20 X 0.438 INCH STL	73743	OBD
-13	210-0016-00		2		WASHER, LOCK: SPLIT, 0.259 ID X 0.489 OD, STL	77339	6507
-14	210-1044-00		2		WASHER, FLAT: 0.375 ID X 0.75 INCH OD, STL	86928	OBD
-15	210-0457-00		4		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-16	346-0157-00		2		STRAP, RETAINING: LOWER & UPPER, FILTER (ATTACHING APRTS)	80009	346-0157-00
-17	211-0517-00		4		SCREW, MACHINE: 6-32 X 1 INCH, PNH, STL	83385	OBD
-18	210-0457-00		4		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL	83385	OBD
-19	131-1520-00		4		CONTACT, ELEC: GROUNDING - - - * - - -	80009	131-1520-00
-20	-----		AR		PLASTIC STRIP: PRESS, SENS, ADH CTD BS		
-21	337-1981-01		1		SHLD, IMPLOSION: GREEN	80009	337-1981-01
	337-1981-04		1		SHLD, IMPLOSION: RED	80009	337-1981-04
	-----		-		(OPTION 31 ONLY)		
-22	-----		1		ELECTRON TUBE: (SEE V1 REPL)		
-23	179-2424-02		1		. WIRING HARNESS: CRT	80009	179-2424-02
-24	210-0224-00		2		. . TERMINAL, LUG: 0.20 ID X 0.344 OD, SE, BRS	86928	A373-148-1
-25	344-0035-00		2		. . CLIP, ELECTRICAL: SNAP-ON	80009	344-0035-00
-26	131-1594-00		1		. . CONTACT, ELEC: ANODE, 0.042 DIA SPR STL, U-SHP	91260	OBD
	136-0660-00		2		. . SKT, PL-IN ELEK: FLOOD GUN	80009	136-0660-00
-27	352-0206-03		1		. . HLDR, TERM CONN: 10 WIRE, ORANGE	80009	352-0206-03
	-----		-		. . (P133)		
-28	352-0206-04		1		. . HLDR, TERM CONN: 10 WIRE YELLOW	80009	352-0206-04
	-----		-		. . (P134)		
-29	131-0621-00		8		. . CONNECTOR, TERM: 22-26 AWG, BRS & CU BE GOLD	22526	46231
-30	131-0792-00		1		. . CONNECTOR, TERM: 18-20 AWG, CU BE GOLD PL	22526	46221
-31	131-0622-00		1		. . CONTACT, ELEC: 0.577" L, 28-32 AWG WIRE	22526	46241
-32	343-0549-00		11		. . STRAP, TIEDOWN: 0.091 W X 3.62 INCH LONG	59730	TY100
-33	343-0670-00		1		CLAMP, CRT: (ATTACHING PARTS)	80009	343-0670-00
-34	129-0640-00		1		SPACER, POST: 0.75 L, W/6-32THD ONE END, AL	80009	129-0640-00
-35	212-0100-00		1		SCREW, MACHINE: 8-32 X 0.625 INCH, HEX. HD, STL - - - * - - -	83385	OBD
-36	343-0777-00		1		CLAMP, NECK, CRT: NYLON, BLACK	80009	343-0777-00
-37	343-0808-00		1		CLAMP, HOSE: 0.75 ID SST, NON MAGNETIC	81646	6320
-38	343-0664-00		1		CLAMP, CRT: YOKE (ATTACHING PARTS)	80009	343-0664-00
-39	211-0514-00		1		SCREW, MACHINE: 6-32 X 0.750 INCH, PNH STL	83385	OBD
-40	210-0803-00		1		WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-41	210-0457-00		1		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-42	361-0953-01		1		SPCR, DEFL YOKE: 2.05 X 1.184 ID X 1.475 OD	80009	361-0953-01
-43	-----		1		COIL, TBUE DEFLE: (SEE L5022A, B REPL)		
-44	131-0621-00		6		. CONNECTOR, TERM: 22-26 AWG, BRS & CU BE GOLD	22526	46231
-45	352-0199-04		1		. CONN BODY, PL, EL: 3 WIRE YELLOW	80009	352-0199-04
	-----		-		. (P24)		
-46	352-0199-05		1		. CONN BODY, PL, EL: 3 WIRE GREEN	80009	352-0199-05
	-----		-		. (P25)		

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
2-47	200-2357-01		1		COVER,CKT BOARD:POLYCARBONATE (ATTACHING PARTS)	80009	200-2357-01
-48	211-0244-00		2		SCR,ASSEM WSHR:4-40 X 0.312 INCH,PNH STL - - - * - - -	78189	OBD
-49	334-2255-00		1		MARKER,IDENT:DANGER 500V	80009	334-2255-00
-50	-----		1		CKT BOARD ASSY:HARD COPY AMP(SEE A14 REPL) (ATTACHING PARTS)		
-51	129-0457-00		2		SPACER,POST:1.07L,W/4-40 TAP 1 END - - - * - - -	80009	129-0457-00
	-----		-		CKT BOARD ASSY INCLUDES:		
-52	210-1014-00		1		. WASHER,NONMETAL:0.094 ID X 0.312" OD,TEFLON	80009	210-1014-00
-53	352-0125-00		1		. HOLDER,TOROID:MOLD ACETAL	80009	352-0125-00
-54	214-0506-00		1		. CONTACT,ELEC:0.045 SQ X 0.375 INCH L	80009	214-0506-00
-55	175-2676-00		1		CA ASSY,SP,ELEC:50 OHM COAX,5,26 AWG,7,26	80009	175-2676-00
-56	352-0201-01		1		. CONN BODY,PL,EL:5 WIRE BROWN - . (P3)	80009	352-0201-01
-57	352-0203-02		1		. CONN BODY,PL,EL:7 WIRE ORANGE - . (P4)	80009	352-0203-02
-58	352-0169-00		1		. HLDR,TERM CONN:2 WIRE BLACK - . (P30)	80009	352-0169-00
-59	352-0198-00		1		. HLDR,TERM CONN:2 WIRE BLACK - . (P130)	80009	352-0198-00
-60	352-0201-03		1		. CONN BODY,PL,EL:5 WIRE ORANGE - . (P131)	80009	352-0201-03
-61	352-0203-04		1		. CONN BODY,PL,EL:7 WIRE YELLOW - . (P132)	80009	352-0203-04
-62	131-0621-00		24		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-63	131-0792-00		1		. CONNECTOR,TERM:18-20 AWG,CU BE GOLD PL	22526	46221
	131-0708-00		1		. CONTACT,ELEC:0.48"L,28-32 AWG WIRE	22526	47437
	131-0622-00		1		. CONTACT,ELEC:0.577"L,28-32 AWG WIRE	22526	46241
	131-2428-00		1		. CONN PLUG,ELEC:18-20 AWG,BRS& CU BE GOLD	22526	47441
-64	175-0830-00		AR		. WIRE,ELECTRICAL:7 WIRE RIBBON	08261	SS-0726-710610C
-65	175-0828-00		AR		. WIRE,ELECTRICAL:5 WIRE RIBBON	08261	SS-0526-710610C
-66	175-1020-00		1		. CABLE,RF:50 OHM COAX,WHT POLYTHN JKT	90484	DAB70JAAAWHITE
-67	343-0549-00		6		. STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-68	337-2951-00		1		SHIELD,CRT:	23740	OBD
-69	337-2384-00		1		SHIELD,CRT:REAR	80009	337-2384-00
	337-2943-00		1		SHIELD,CRT:REAR - (OPTION 31 ONLY)		
	210-3073-00		16		(ATTACHING PARTS) RIVET,BLIND:0.265 L X 0.125 ID STEEL	07707	SD-42-BS
	210-1282-00		16		WASHER,FLAT:0.130 ID X 0.06 THK,STEEL - - - * - - -	07707	S-BBUP-4
-70	348-0145-00		1		GROMMET,PLASTIC:U-SHP,1.0 X 0.42 INCH - (OPTION 31 ONLY)	80009	348-0145-00
-71	255-0334-00		AR		PLASTIC CHANNEL:12.75 X 0.175X 0.155,NYL	11897	122-37-2500
-72	344-0318-00		2		CLIP,CRT BRKT:STEEL (ATTACHING PARTS)	80009	344-0318-00
-73	210-0457-00		2		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-74	426-1359-00		1		FRAME,CRT MDL:	80009	426-1359-00
	426-1877-00		1		FR,CRT MODULE: - (OPTION 31 ONLY)	80009	426-1877-00
-75	343-0853-00		1		CLAMP,LOOP:0.5 DIA,NYLON	000GY	021-0500
-76	344-0322-00		2		CLIP,CRT MASK:COPPER BERYLLIUM (ATTACHING PARTS)	80009	344-0322-00
-77	213-0001-00		2		SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-78	210-0016-00		2		WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL - - - * - - -	77339	6507
-79	386-4055-00		1		PLATE,SUPPORT: (ATTACHING PARTS)	80009	386-4055-00
-80	210-0458-00		2		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-81	122-1015-00		1		BRACE,CRT FRAME:ALUMINUM (ATTACHING PARTS)	80009	122-1015-00
-82	210-0458-00		2		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD
-83	213-0001-00		1		SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-84	210-0016-00		1		WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL	77339	6507
-85	211-0244-00		2		SCR,ASSEM WSHR:4-40 X 0.312 INCH,PNH STL - - - * - - -	78189	OBD

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
2-86	162-0573-00		2						INSUL SLVG,ELEC:HT SHRINK,1.0 ID,POLYOLEFIN	06090	RT-876
-87	343-0853-00		1						CLAMP,LOOP.0.5 DIA,NYLON	000GY	021-0500
-88	348-0253-00		1						GROMMET,PLASTIC:BLACK,OBLONG,3.OXO.925	80009	348-0253-00
-89	386-4168-00		1						SPRT,CRT ASSY: (ATTACHING PARTS)	80009	386-4168-00
-90	211-0510-00		4						SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-91	210-0006-00		4						WASHER,LOCK:#6 INTL,0.018THK,STL CD PL - - - * - - -	78189	1206-00-00-0541C
-92	650-0292-00		1						RELAY ASSY: (ATTACHING PARTS)	80009	650-0292-00
-93	211-0614-00		2						SCR,ASSEM WSHR:6-32 X 0.250 PNH,STL CD PL - - - * - - -	83385	OBD
-94	200-2690-00								CKT BOARD ASSY INCLUDES: . COVER,RELAY:ALUMINUM	80009	200-2690-00
-95	441-1629-00		1						. CHASSIS,TERM:RELAY,BOTTOM,AL	80009	441-1629-00
-96	334-3773-01		1						. MARKER,IDENT:MARKED CAUTION	80009	334-3773-01
-97	348-0171-00		1						. GROMMET,PLASTIC:U-SHAPED	80009	348-0171-00
-98	148-1007-00		1						. RELAY,SOL STATE:25A,240VAC,CNTL 85 TO 240VAC (ATTACHING PARTS)	55442	240A25
-99	210-0457-00		2						. NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBI
-100	211-0504-00		2						. SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
-101	211-0033-00		2						. SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
-102	198-4484-00		1						. WIRE SET,ELEC:	80009	198-4484-00
-103	131-0946-00		1						. . CONNECTOR BODY,:FEMALE,4 CONTACT (P5001)	27264	03-09-2041
-104	131-0948-00		1						. . CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-1103
-105	210-0303-00		2						. . TERMINAL,LUG:#8,RING,SOLDERLESS,CU TIN P	09922	BA16E-8M
-106	210-0287-00		2						. . TERMINAL,LUG:# 6 RING	00779	34142
-107	131-0947-00		1						. . CONN BODY,RCPT:MALE,SNAP-IN PNL MT,4 CONT (P5001)	27264	03-09-1041
-108	131-0945-00		3						. . CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-2101
-109	162-0067-00		1						. . INSUL SLVG,ELEC:0.263 ID,10.0 L,VINYL,BLK	80009	162-0067-00

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
3-1	386-4159-00		1		SUPPORT,CKT BD:FRONT,AL (ATTACHING PARTS)	80009	386-4159-00
-2	213-0001-00		2		SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-3	210-0016-00		2		WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL - - - * - - -	77339	6507
-4	386-4162-02		1		SUPPORT,CKT BD:LEFT,AL	80009	386-4162-02
-5	386-4162-01		1		SUPPORT,CKT BD:RIGHT,AL (ATTACHING PARTS)	80009	386-4162-01
-6	211-0510-00		6		SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-7	211-0553-00		7		SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL - - - * - - -	83385	OBD
-8	386-4315-00		1		SUPPORT,CKT BD:AL (ATTACHING PARTS)	80009	386-4315-00
-9	211-0510-00		6		SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-10	211-0553-00		2		SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL	83385	OBD
-11	211-0559-00		1		SCREW,MACHINE:6-32 X 0.375"100 DEG,FLH STL - - - * - - -	83385	OBD
-12	386-4158-00		1		SUPPORT,CKT BD:REAR,AL (ATTACHING PARTS)	80009	386-4158-00
-13	211-0553-00		7		SCREW,MACHINE:6-32 X 1.5 INCH,PNH STL - - - * - - -	83385	OBD
-14	386-4316-00		2		SUPPORT,CKT BD:EDGE,POLYCARBONATE	80009	386-4316-00
-15	-----		2		TRANSISTOR:(SEE Q5001,Q5002 REPL) (ATTACHING PARTS)		
-16	211-0012-00		2		SCREW,MACHINE:4-40 X 0.375,PNH STL CD PL	83385	OBD
-17	210-1171-00		2		WSHR,SHOULDERED:0.116 ID X 0.138 INCH OD - - - * - - -	52905	A7148516P2
-18	342-0202-00		2		INSULATOR,PLATE:TRANSISTOR	01295	10-21-023-106
-19	175-2665-00		1		CA ASSY,SP,ELEC:3,22 AWG,9.0 L (Q5002 TO J118 ON I/O BOARD)	80009	175-2665-00
-20	131-0621-00		3		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-21	352-0199-08		1		. HLDR,TERM CONN:3 WIRE GRAY	80009	352-0199-08
-22	131-1815-00		3		. CONTACT,ELEC:22-30 AWG,FEMALE,BRASS	27264	08-56-0110
-23	204-0678-00		1		. CONN BODY,PL,EL:FOR 3 FEMALE CONTACTS	27264	10-17-2032
-24	175-0862-00		AR		. WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
-25	175-2669-00		1		CA ASSY,SP,ELEC:3,22 AWG,9.0 L (Q5001 TO J117 ON I/O BOARD)	80009	175-2669-00
-26	131-0621-00		3		. CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	46231
-27	352-0199-07		1		. HLDR,TERM CONN:3 WIRE VIOLET	80009	352-0199-07
-28	131-1815-00		3		. CONTACT,ELEC:22-30 AWG,FEMALE,BRASS	27264	08-56-0110
-29	204-0678-00		1		. CONN BODY,PL,EL:FOR 3 FEMALE CONTACTS	27264	10-17-2032
-30	175-0862-00		AR		. WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
-31	-----		1		CKT BOARD ASSY:ALU(SEE A4 REPL)		
-32	136-0752-00		1		. SKT,PL-IN ELEK:MICROCIRCUIT,20 DIP	09922	D1LB20P-108
-33	136-0578-00		7		. SKT,PL-IN ELEK:MICROCKT,24 PIN,LOW PROFILE	73803	C S9002-24
-34	129-0753-00		1		. SPACER,POST:0.413 L,W/6-32 THRU THD,BRS (ATTACHING PARTS)	80009	129-0753-00
-35	200-2486-00		1		. CAP.,INSULATING:0.187 OD,BLACK,VINYL - - - * - - -	15819	.187-4 TRIMLINE
-36	361-0562-00		5		. SPACER,SLEEVE:0.156 ID X 0.25 OD X 0.375	80009	361-0562-00
-37	129-0750-00		2		. SPACER,POST:1.073 L,W/6-32 THD EA END,AL	80009	129-0750-00
-38	136-0729-00		3		. SKT,PL-IN ELEK:MICROCKT,16 CONTACT	09922	D1LB16P-108T
-39	131-1844-00		2		. CONN,RCPT,ELEC:CKT CARD,2/21 CONT	00779	2-86415-4
-40	131-0993-00		1		. BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-41	-----		1		CKT BOARD ASSY:MCP(SEE A5 REPL)		
-42	131-1717-01		1		. CONN,RCPT,ELEC:CKT BD,2 X 42,FEMALE	00779	3-86018-4
-43	131-2528-00		1		. TERM SET,PIN:10 MALE CONTACTS,POLARIZED (J259)	27264	09-61-1106
-44	361-0562-00		8		. SPACER,SLEEVE:0.156 ID X 0.25 OD X 0.375	80009	361-0562-00
-45	129-0753-00		2		. SPACER,POST:0.413 L,W/6-32 THRU THD,BRS (ATTACHING PARTS)	80009	129-0753-00
-46	211-0558-00		2		. SCREW,MACHINE:6-32 X 0.250 BDGH,NYL,SLOT - - - * - - -	26365	921-1150-0014

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
3-47	131-1465-00		2	.	CONNECTOR, RCPT, :34 RT ANGEL CONT (ATTACHING PARTS)					20999	3431-1002
-48	211-0159-00		4	.	SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL					87308	OBD
-49	210-0405-00		4	.	NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS					73743	12157-50
-50	-----		1		CKT BOARD ASSY:MAS(SEE A6 REPL)						
-51	136-0729-00		19	.	SKT, PL-IN ELEK:MICROCKT, 16 CONTACT					09922	DILB16P-108T
-52	131-0993-00		3	.	BUS, CONDUCTOR:2 WIRE BLACK					00779	850100-01
-53	136-0751-00		8	.	SKT, PL-IN ELEK:MICROCKT, 24 PIN					09922	DILB24P108
-54	129-0747-00		8	.	SPACER POST:0.633 L, W/6-32 THRU THD, AL					80009	129-0747-00
-55	129-0435-00		2	.	SPACER, POST:0.625 L, W-6-32 THD THRU, BRS (ATTACHING PARTS)					80009	129-0435-00
-56	211-0558-00		2	.	SCREW, MACHINE:6-32 X 0.250 BDGH, NYL, SLOT					26365	921-1150-0014
-57	131-1717-01		1	.	CONN, RCPT, ELEC:CKT BD, 2 X 42, FEMALE					00779	3-86018-4
-58	131-1465-00		2	.	CONNECTOR, RCPT, :34 RT ANGEL CONT (ATTACHING PARTS)					20999	3431-1002
-59	211-0159-00		4	.	SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL					87308	OBD
-60	210-0405-00		4	.	NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS					73743	12157-50
-61	131-0346-01		1	.	CONN, RCPT, ELEC:24 CONTACT, FEMALE (J6) (ATTACHING PARTS)					80009	131-0346-01
-62	220-0937-00		2	.	NUT BLOCK:0.5 L X 0.375 W X 0.25 H					80009	220-0937-00
-63	210-3054-00		2	.	EYELET, METALLIC:0.124 OD X 0.31 INCH LG, BRS					07707	S5570
-64	-----		1		CKT BOARD ASSY:I/O(SEE A7 REPL)						
-65	131-1844-00		2	.	CONN, RCPT, ELEC:CKT CARD, 2/21 CONT					00779	2-86415-4
-66	344-0154-00		4	.	CLIP, ELECTRICAL:FUSE, CKT BD MT					80009	344-0154-00
-67	129-0747-00		6	.	SPACER POST:0.633 L, W/6-32 THRU THD, AL					80009	129-0747-00
-68	131-2215-01		2	.	CONN, RCPT, ELEC:CKT BD, 40 CONT, MALE					75037	3495-1002
-69	129-0435-00		1	.	SPACER, POST:0.625 L, W-6-32 THD THRU, BRS (ATTACHING PARTS)					80009	129-0435-00
-70	211-0558-00		1	.	SCREW, MACHINE:6-32 X 0.250 BDGH, NYL, SLOT					26365	921-1150-0014
-71	131-0993-00		1	.	BUS, CONDUCTOR:2 WIRE BLACK					00779	850100-01
-72	136-0623-00		3	.	SOCKET, PLUG-IN:40 DIP, LOW PROFILE					73803	CS9002-40
-73	131-1465-00		2	.	CONNECTOR, RCPT, :34 RT ANGEL CONT (ATTACHING PARTS)					20999	3431-1002
-74	211-0159-00		4	.	SCREW, MACHINE:2-56 X 0.375 INCH, PNH STL					87308	OBD
-75	210-0405-00		4	.	NUT, PLAIN, HEX.:2-56 X 0.188 INCH, BRS					73743	12157-50
-76	175-2645-00		1		CA ASSY, SP, ELEC:10, 18 AWG, 27.0 L, RIBBON					80009	175-2645-00
-77	131-1790-00		20	.	CONTACT, ELEC:18-24 AWG, FEMALE, BRASS					27264	08-56-0105
-78	175-5061-00		AR	.	CABLE, SP, ELEC:10, 18 AWG, RIBBON					08261	SS101819(1007)-X
-79	352-0462-00		2	.	HLD, TERM. CONN:10 FEMALE, NYLON (A2J29 AND A5J259)					27264	09-50-7101
-80	175-2700-00		2		CA ASSY, SP, ELEC:34, 28 AWG, 3.5 L (A6P154, A6P155)					22526	OBD
-81	129-0150-00		1		SPACER, POST:3.938 L X 0.25, W/4-40					80009	129-0150-00
-82	386-4316-00		2		SUPPORT, CKT BD:EDGE, POLYCARBONATE (ATTACHING PARTS)					80009	386-4316-00
-83	210-0994-00		2		WASHER, FLAT:0.125 ID X 0.25" OD, STL					86928	5702-201-20
-84	211-0097-00		2		SCREW, MACHINE:4-40 X 0.312 INCH, PNH STL					83385	OBD
-85	175-2702-00		2		CA ASSY, SP, ELEC:40, 28 AWG, 24.5 L (P104, P114)					22526	80579-001
-86	175-2701-00		1		CA ASSY, SP, ELEC:34, 28 AWG, 22.5 L (P81, P102)					22526	80578-001
-87	179-2733-01		1		WIRING HARNESS:MAIN CABLE					80009	179-2733-01
-88	204-0872-00		1		CONN BODY, PLUG:2 X 19.0, 1 SPACING, 0.025					22526	65846-003
-89	131-0702-00		38		HEADER, XSTR:TO-46					20093	TO 46-HEADER
-90	352-0199-06		1		CONN BODY, PL, EL:3 WIRE BLUE					80009	352-0199-06
-91	131-0707-00		3		CONNECTOR, TERM:22-26 AWG, BRS& CU BE GOLD					22526	47439
-92	175-0862-00		AR		WIRE, ELECTRICAL:3 WIRE RIBBON					08261	SS-0322-1910610C
-93	352-0162-08		1		CONN BODY, PL, EL:4 WIRE GRAY					80009	352-0162-08

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
3-94	131-0707-00		4	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-95	175-0827-00		AR	.					CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)0C
-96	352-0167-05		1	.					CONN BODY,PL,EL:9 WIRE GREEN	80009	352-0167-05
-97	131-0707-00		5	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-98	175-0827-00		AR	.					CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)0C
-99	352-0199-02		1	.					CONN BODY,PL,EL:3 WIRE RED	80009	352-0199-02
-100	131-0707-00		3	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-101	175-0862-00		AR	.					WIRE,ELECTRICAL:3 WIRE RIBBON	08261	SS-0322-1910610C
-102	352-0164-00		1	.					CONN BODY,PL,EL:6 WIRE BLACK	80009	352-0164-00
-103	131-0707-00		6	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-104	352-0176-00		1	.					CONN BODY,PL,EL:4 WIRE,DBL ROW BLACK	80009	352-0176-00
-105	131-0965-00		2	.					CONTACT,ELEC:0.25" SQ,22-26 AWG WIRE	22526	47792
-106	352-0166-00		1	.					CONN BODY,PL,EL:8 WIRE BLACK	80009	352-0166-00
-107	131-0707-00		8	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-108	175-0831-00		AR	.					WIRE,ELECTRICAL:8 WIRE RIBBON	08261	SS-0826-710610C
-109	352-0165-01		1	.					CONN BODY,PL,EL:7 WIRE BROWN	80009	352-0165-01
-110	131-0707-00		7	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-111	175-0830-00		AR	.					WIRE,ELECTRICAL:7 WIRE RIBBON	08261	SS-0726-710610C
-112	352-0176-00		1	.					CONN BODY,PL,EL:4 WIRE,DBL ROW BLACK	80009	352-0176-00
-113	131-0965-00		1	.					CONTACT,ELEC:0.25" SQ,22-26 AWG WIRE	22526	47792
-114	131-0707-00		3	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-115	175-0827-00		AR	.					CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)0C
-116	352-0177-00		1	.					CONN BODY,PL,EL:6 WIRE,DBL ROW BLACK	80009	352-0177-00
-117	131-0707-00		4	.					CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-118	175-0861-00		AR	.					WIRE,ELECTRICAL:4 WIRE RIBBON	08261	SS-0422-7(1061)
-119	134-0153-00		1	.					KEY,PLZN CONN:MINI LATCH HSG	80009	134-0153-00
-120	343-0549-00		18	.					STRAP,TIEDOWN:0.091 W X 3.62 INCH LONG	59730	TY100
-121	211-0525-00		5	.					SCREW,MACHINE:6-32 X 1.375,PNH,STL,CD PL	83385	OBD
-122	211-0516-00		2	.					SCREW,MACHINE:6-32 X 0.875 INCH,PNH STL	83385	OBD
-123	255-0619-00		AR	.					PLASTIC CHANNEL:0.206 W X 0.22 H,NYLON	06915	SNGS-3
-124	343-0835-00		1	.					CLAMP,LOOP:0.375 ID,NYLON W/ADH BACK	34785	021-0375

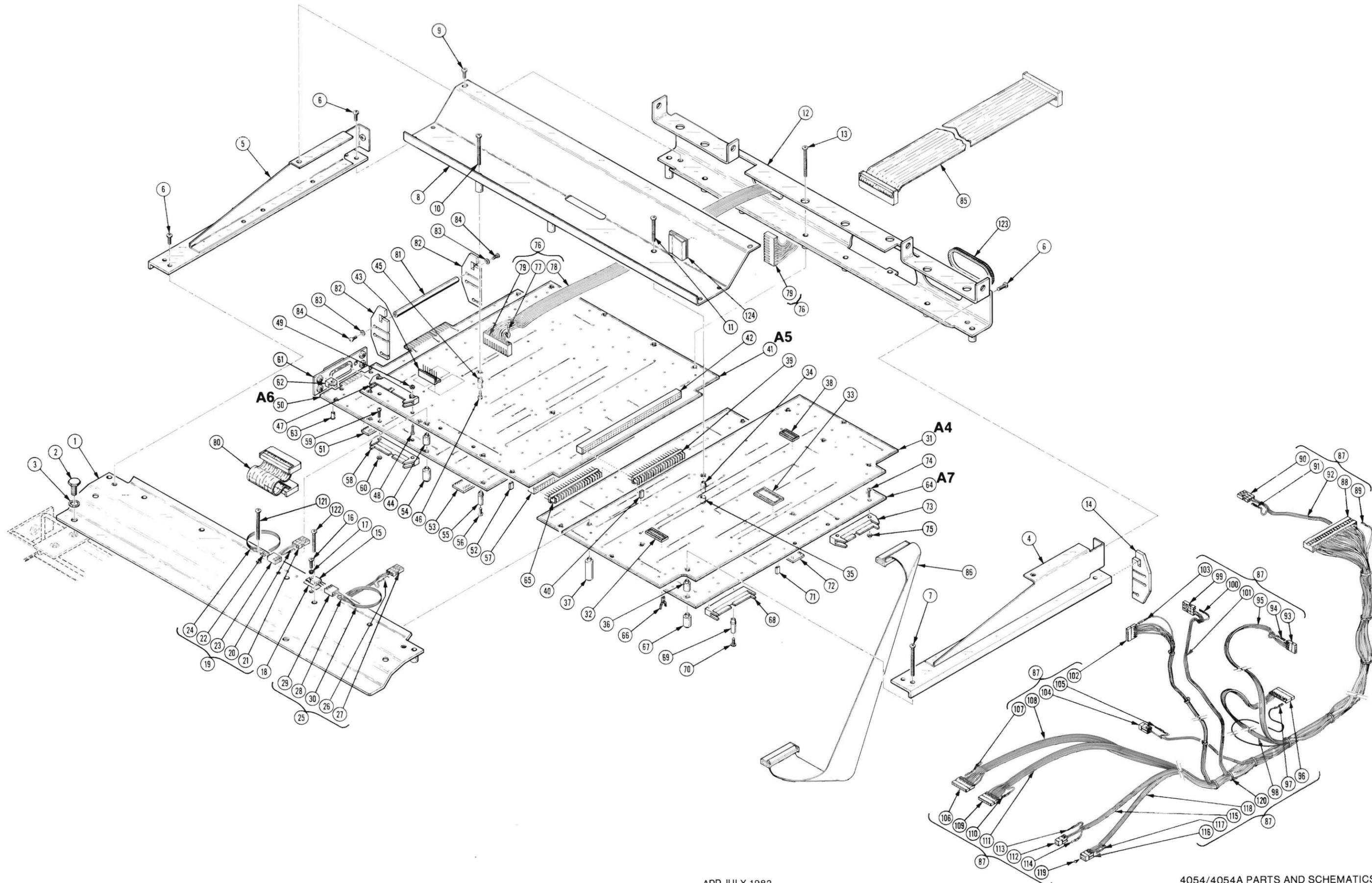
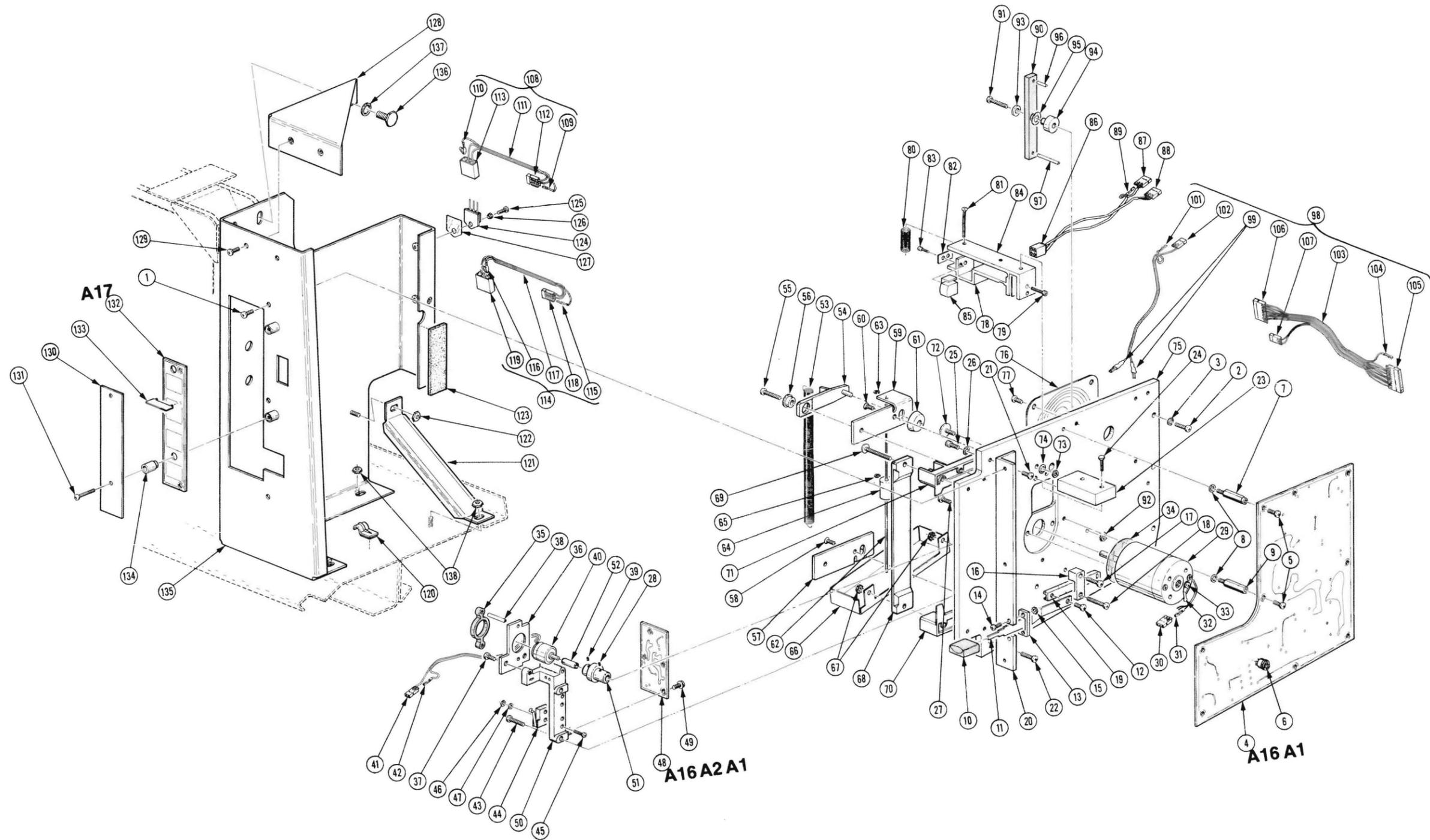


FIG. 4 T



ADD JULY 1982

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
4-	119-0708-05			1		DRIVE,MAG TAPE: (ATTACHING PARTS)	80009	119-0708-05
-1	211-0511-00			1		SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL	83385	OBD
-2	211-0507-00			3		SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-3	210-0458-00			3		NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-4	-----			1		. CKT BOARD ASSY:TAPE DRIVER(SEE A16A1 REPL) (ATTACHING PARTS)		
-5	211-0507-00			8		. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL - - - * - - -	83385	OBD
-6	136-0237-00			2		. . SOCKET,PLUG-IN:8 CONTACT,ROUND	71785	133-98-12-062
-7	129-0539-00			7		. POST,ELEC-MECH:6-32 THD EXT/INT,1.250 L	80009	129-0539-00
-8	210-0055-00			3		. WASHER,LOCK:SPLIT,0.145 ID X 0.253 OD,STL	83385	OBD
-9	129-0295-00			1		. SPACER,POST:0.250 HEX X 0.894 INCH L,AL	80009	129-0295-00
-10	366-1629-01			1		. PUSH BUTTON:GRAY,EJECT	80009	366-1629-01
-11	214-2316-00			1		. LVR,CRTG EJECT:4.875 L,ALUMINUM (ATTACHING PARTS)	80009	214-2316-00
-12	213-0054-00			1		. SCR,TPG,THD FOR:6-32 X 0.312 INCH,PNH STL - - - * - - -	93907	OBD
-13	351-0455-00			1		. GUIDE,LEVER:EJECT (ATTACHING PARTS)	80009	351-0455-00
-14	211-0012-00			2		. SCREW,MACHINE:4-40 X 0.375,PNH STL CD PL	83385	OBD
-15	210-0586-00			2		. NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - - - * - - -	83385	OBD
-16	391-0139-00			2		. BLOCK,GUIDE:CARTRIDGE EJECT (ATTACHING PARTS)	80009	391-0139-00
-17	211-0513-00			2		. SCREW,MACHINE:6-32 X 0.625 INCH,PNH STL	83385	OBD
-18	211-0516-00			2		. SCREW,MACHINE:6-32 X 0.875 INCH,PNH STL - - - * - - -	83385	OBD
-19	381-0365-00			2		. BAR,CRTG EJECT:DELTRIN	80009	381-0365-00
-20	407-1697-00			1		. BRACKET,ANGLE:TAPE DECK,ALUMINUM (ATTACHING PARTS)	80009	407-1697-00
-21	211-0510-00			1		. SCREW,MACHINE:6-32 X 0.375,PNH,STL,CD PL	83385	OBD
-22	211-0513-00			1		. SCREW,MACHINE:6-32 X 0.625 INCH,PNH STL - - - * - - -	83385	OBD
-23	391-0144-01			1		. BLOCK,SUPPORT:HEAD ALIGNMENT (ATTACHING PARTS)	80009	391-0144-01
-24	211-0588-00			2		. SCREW,MACHINE:6-32 X 0.75 INCH,HEX.HD STL	83385	OBD
-25	211-0564-00			2		. SCREW,CAP,SCH:6-32 X 0.375" L HEX	80009	211-0564-00
-26	210-0803-00			2		. WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL - - - * - - -	12327	OBD
	147-0046-01			1		. MOTOR,DC:TAPE DRIVE,12V (ATTACHING PARTS)	80009	147-0046-01
-27	211-0507-00			2		. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-28	213-0228-01			1		. SETSCREW:6-32 X 0.125,STL,CD PL,HEX - - - * - - -	000CY	OBD
-29	147-0046-00			1		. . MOTOR,DC:TAPE DRIVE,12V	000GB	9413B254
-30	352-0161-05			1		. . CONN BODY,PL,EL:3 WIRE GREEN	80009	352-0161-05
-31	131-0707-00			3		. . CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
-32	210-0203-00			1		. . TERMINAL,LUG:SE #6 (ATTACHING PARTS)	78189	2103-06-00-2520N
-33	213-0124-00			1		. . SCR,TPG,THD FOR:6-20 X 0.250 INCH,PNH STL - - - * - - -	83385	OBD
	-----			2		. . CAP.,FXD,CER DI:(SEE C1091,C1092 REPL)		
-34	361-0747-00			1		. SPACER,PLATE:0.562 ID X 0.02 THK	80009	361-0747-00
-35	352-0424-00			1		. HOLDER,TACH:SILCONE RUBBER	80009	352-0424-00
-36	386-3369-01			1		. PLATE,TACH: (ATTACHING PARTS)	80009	386-3369-01
-37	211-0507-00			2		. SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL - - - * - - -	83385	OBD
-38	214-1474-00			2		. . PIN,SPRING:0.75 L X 0.135 OD,CS BLACK	22599	59-028-125-0750
	147-0045-01			1		. MOTOR,DC:6V,17,000 RPM (ATTACHING PARTS)	80009	147-0045-01
-39	213-0228-01			1		. SETSCREW:6-32 X 0.125,STL,CD PL,HEX - - - * - - -	000CY	OBD

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-40	147-0045-00		1	.	.	.	.	.	MOTOR,DC:6V,17,000 RPM	50778	16C14-207-9
-41	352-0169-04		1	.	.	.	.	.	CONN BODY,PL,EL:2 WIRE YELLOW	80009	352-0169-04
-42	131-0707-00		2	.	.	.	.	.	CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
	-----		1	.	.	.	.	.	CKT BD ASSY:STATUS W/MICRO SW(SEE A16A2 REPL) (ATTACHING PARTS)		
-43	211-0513-00		2	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.625 INCH,PNH STL	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-44	-----		2	.	.	.	.	.	SWITCH,PUSH:(SEE S1,S2 REPL) (ATTACHING PARTS)		
-45	211-0034-00		4	.	.	.	.	.	SCREW,MACHINE:2-56 X 0.50 INCH,PNH	83385	OBD
-46	210-0405-00		4	.	.	.	.	.	NUT,PLAIN,HEX:2-56 X 0.188 INCH,BRS	73743	12157-5C
-47	210-0001-00		4	.	.	.	.	.	WASHER,LOCK:INTL,0.092 ID X 0.18"OD,STL	78189	1202-00-00-0541C
	-----			.	.	.	.	.	-----*-----		
-48	-----		1	.	.	.	.	.	CKT BOARD ASSY:STATUS(SEE A16A2A1 REPL) (ATTACHING PARTS)		
-49	211-0601-00		2	.	.	.	.	.	SCR,ASSEM WSHR:6-32 X 0.312,DOUBLE SEMS	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-50	-----		1	.	.	.	.	.	BRKT,SENSOR MTG:POLYCARBONATE		
-51	401-0342-01		1	.	.	.	.	.	HUB,TAPE DRIVE:W/0.645 DIA HYPALON WHEEL	80009	401-0342-01
-52	214-2419-00		1	.	.	.	.	.	PIN,SPRING:0.5 L X 0.188OD,AL	80009	214-2419-00
-53	214-2261-00		1	.	.	.	.	.	SPRING,HLCPS:0.035 DIA,5.5 L MUSIC WIRE	80009	214-2261-00
-54	214-2264-00		2	.	.	.	.	.	ARM,DETENT:TAPE POSITIONING (ATTACHING PARTS)	80009	214-2264-00
-55	211-0514-00		2	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.750 INCH,PNH STL	83385	OBD
-56	343-0551-00		2	.	.	.	.	.	RTNR,DETENT ARM:0.14 ID X 0.373 OD,AL	80009	343-0551-00
	-----			.	.	.	.	.	-----*-----		
-57	351-0451-00		1	.	.	.	.	.	GUIDE,TAPE CRTG:TOP LEFT (ATTACHING PARTS)	80009	351-0451-00
-58	211-0522-00		1	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.625 FLH,100 DEG ST	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-59	351-0462-00		1	.	.	.	.	.	GUIDE,TAPE CRTG:TOP RIGHT (ATTACHING PARTS)	80009	351-0462-00
-60	211-0522-00		1	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.625 FLH,100 DEG ST	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-61	214-2263-00		2	.	.	.	.	.	WHEEL,DETENT:0.187 ID X 0.6 OD,SST	80009	214-2263-00
-62	384-1383-00		1	.	.	.	.	.	SHAFT,HOLDDOWN:0.093 DIA X 7.66 L,STL (ATTACHING PARTS)	80009	384-1383-00
-63	354-0350-00		2	.	.	.	.	.	RING,RETAINING:0.073"FREE ID X 0.015",STL	79136	5133-9MD
	-----			.	.	.	.	.	-----*-----		
-64	401-0349-00		1	.	.	.	.	.	ROLLER,HOLDDOWN:0.50 DIA X 0.75 L,NYLON (ATTACHING PARTS)	80009	401-C349-0C
-65	354-0554-00		2	.	.	.	.	.	RING,RETAINING:EXT LUG GRIPPING,0.094 D	79136	G5555-9
	-----			.	.	.	.	.	-----*-----		
-66	337-2260-00		1	.	.	.	.	.	SHIELD:TRAY,SAFETY (ATTACHING PARTS)	80009	337-2260-00
-67	210-0457-00		2	.	.	.	.	.	NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-68	351-0629-00		1	.	.	.	.	.	GUIDE,TAPE CRTG:ENTRANCE (ATTACHING PARTS)	80009	351-0629-00
-69	211-0545-00		2	.	.	.	.	.	SCREW,MACHINE:6-32 X 1.250 INCH,TRH STL	83385	OBD
	-----			.	.	.	.	.	-----*-----		
-70	351-0454-00		1	.	.	.	.	.	GUIDE,TAPE CRTG:LEFT	80009	351-0454-00
-71	351-0453-00		1	.	.	.	.	.	GUIDE,TAPE CRTG:RIGHT	80009	351-0453-00
-72	361-0781-00		2	.	.	.	.	.	SPACER,PAD:W/4-40 THD (ATTACHING PARTS)	80009	361-0781-00
-73	210-0407-00		2	.	.	.	.	.	NUT,PLAIN,HEX.:6-32 X 0.25 INCH,BRS	73743	3038-0228-402
-74	210-0006-00		2	.	.	.	.	.	WASHER,LOCK:#6 INTL,0.018THK,STL CD PL	78189	1206-00-00-0541C
	-----			.	.	.	.	.	-----*-----		
-75	386-3368-01		1	.	.	.	.	.	PLATE,TAPE DECK:	80009	386-3368-01
-76	119-0305-00		1	.	.	.	.	.	LOUDSPEAKER,PM:PERMANENT MAGNET,45 OHM,2W (ATTACHING PARTS)	07109	35A45C
-77	211-0507-00		4	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
	-----			.	.	.	.	.	-----*-----		

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-78	386-3554-00		1	.					PLATE, PROT: HEAD ALIGNMENT (ATTACHING PARTS)	80009	386-3554-00
-79	211-0164-00		1	.					SCREW, CAP, SCH: 4-40 X 0.625 INCH, L STL	83385	OBD
	211-0093-00		1	.					SCR, CAP, SOC HD: 4-40 X 0.75 INCH L, STL - - - * - - -	000BK	OBD
-80	214-2430-00		1	.					SPRING, HLCPS: 0.375 OD X 1.5 L, OPEN ENDS (ATTACHING PARTS)	000AE	C36C
-81	211-0248-00		1	.					SCREW, CAP, SCH: 4-40 X 1.25 FLH, 82 DEG, STL - - - * - - -	000AH	OBD
-82	386-2823-00		1	.					PL, MTG, TAPE HD: (ATTACHING PARTS)	80009	386-2823-00
-83	211-0206-00		2	.					SCR, CAP, SOC HD: 2-56 X 0.312 INCH, STL - - - * - - -	000AH	OBD
-84	352-0450-01		1	.					HLDR, HEAD ALIGN: ALUMINUM	80009	352-0450-01
-85	-----		1	.					HEAD, SRR: (SEE A16PU1001 REPL)		
	119-0421-03		1	.					HEAD, SRR:	80009	119-0421-03
-86	119-0421-01		1	.					HEAD, SRR CABLE:	11983	139077
-87	352-0161-08		1	.					CONN BODY, PL, EL: 3 WIRE GRAY	80009	352-0161-08
-88	352-0161-09		1	.					CONN BODY, PL, EL: 3 WIRE WHITE	80009	352-0161-09
	131-0707-00		6	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-90	214-2319-00		1	.					BAR, PIVOT: CARTRIDGE EJECT (ATTACHING PARTS)	80009	214-2319-00
-91	211-0517-00		1	.					SCREW, MACHINE: 6-32 X 1 INCH, PNH, STL	83385	OBD
-92	210-0457-00		1	.					NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL	83385	OBD
-93	210-0803-00		1	.					WASHER, FLAT: 0.15 ID X 0.032 THK, STL CD PL	12327	OBD
-94	214-2320-00		1	.					PVT, CRTG EJCTR: 0.5 DIA, DELRIN	80009	214-2320-00
-95	210-0992-00		1	.					WASHER, FLAT: 0.265 ID X 0.01 THK, TEFLON - - - * - - -	80009	210-0992-00
-96	214-2351-00		1	.					PIN, SPRING: 0.375" L X 0.101" OD, STL	22599	52-022-094-0375
-97	214-1534-00		1	.					PIN, RETAINING: 1.25 L X 0.103 OD, CS BLACK	22599	59-022-094-1250
-98	198-0725-00		1	.					WIRE SET, ELEC:	80009	198-0725-00
-99	131-0861-00		2	.					TERM, QIK DISC: 16-20 AWG, 0.22 W X 0.02 THK - . . (SPEAKER CONNECTORS)	00779	42617-2
-100	175-0863-00		AR	.					WIRE, ELECTRICAL: 2 WIRE RIBBON	08261	SS-0222-7(1061)
-101	131-0707-00		2	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-102	352-0169-00		1	.					HLDR, TERM CONN: 2 WIRE BLACK - . . (P61)	80009	352-0169-00
-103	175-0832-00		AR	.					WIRE, ELECTRICAL: 9 WIRE RIBBON	08261	SS-0926(1061)OC
-104	131-0707-00		18	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-105	352-0167-07		1	.					CONN BODY, PL, EL: 9 WIRE VIOLET - . . (P87)	80009	352-0167-07
-106	352-0165-00		1	.					CONN BODY, PL, EL: 7 WIRE BLACK - . . (P361)	80009	352-0165-00
-107	352-0169-01		1	.					HLDR TERM CONN: 2 WIRE, BROWN - . . (P360)	80009	352-0169-01
-108	175-2667-00		1	.					CA ASSY, SPE, ELC: 3, 22 AWG, 5.0 L	80009	175-2667-00
-109	131-0707-00		3	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-110	131-1918-00		3	.					CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
-111	175-0862-00		AR	.					WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
-112	352-0161-03		1	.					CONN BODY, PL, EL: 3 WIRE ORANGE - . . (P83)	80009	352-0161-03
-113	352-0463-00		1	.					HLDR, TERM. CONN: 3 FEMALE, NYLON - . . (TO Q1091)	27264	10-01-1034
-114	175-2668-00		1	.					CA ASSY, SP, ELEC: 3, 22 AWG, 5.0 L	80009	175-2668-00
-115	131-0707-00		3	.					CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-116	131-1918-00		3	.					CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
-117	175-0862-00		AR	.					WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
-118	352-0161-06		1	.					CONN BODY, PL, EL: 3 WIRE BLUE - . . (P86)	80009	352-0161-06
-119	352-0463-00		1	.					HLDR, TERM. CONN: 3 FEMALE, NYLON - . . (TO Q1092)	27264	10-01-1034
-120	343-0298-00		1	.					CLAMP, LOOP: PLASTIC, W/ADHESIVE BACK	95987	HPC25
-121	407-2385-00		1	.					BRACKET CMPNT: TAPE DECK, SST (ATTACHING PARTS)	80009	407-2385-00
-122	210-0458-00		1	.					NUT, PL, ASSEM WA: 8-32 X 0.344 INCH, STL - - - * - - -	83385	OBD

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
4-123	348-0102-00		1						PAD,CUSHIONING:13.76 INCH LONG(CUT TO FIT)	80009	348-0102-00
-124	-----		2						TRANSISTOR:(SEE Q1091,Q1092 REPL) (ATTACHING PARTS)		
-125	211-0097-00		2						SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL	83385	OBD
-126	210-1181-00		2						WASHER,SHLDR:1.22 ID X 0.20D - - - * - - -	31223	OBD
-127	342-0311-00		2						INSULATOR,PLATE:TRANSISTOR,MICA	01295	64-21-023-212
-128	386-4260-00		1						SUPPORT,BRACKET:TAPE DECK,AL (ATTACHING PARTS)	80009	386-4260-00
-129	211-0507-00		3						SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL - - - * - - -	83385	OBD
-130	378-0064-00		1						FILTER,LIGHT:6.276 X 1.0,0.06 R ACRYLIC (ATTACHING PARTS)	80009	378-0064-00
-131	211-0514-00		2						SCREW,MACHINE:6-32 X 0.750 INCH,PNH STL - - - * - - -	83385	OBD
-132	-----		1						CKT BOARD ASSY:INDICATOR(SEE A17 REPL)		
-133	337-2235-00		2						. SHIELD,LIGHT:CKT CD MT,1.0X 0.355 INCH	80009	337-2235-00
-134	361-0751-00		2						. SPACER,SLEEVE:0.156 ID X 0.312 OD X 0.493 L	80009	361-0751-00
-135	407-2240-02		1						BRKT,TAPE DECK:STEEL (ATTACHING PARTS)	80009	407-2240-02
-136	213-0001-00		4						SCREW,CAP,SCH:0.25-20 X 0.50 INCH LONG STL	000AH	OBD
-137	210-0016-00		4						WASHER,LOCK:SPLIT,0.259 ID X 0.489 OD,STL	77339	6507
-138	210-0458-00		4						NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL	83385	OBD

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
5-1	337-2466-00		1		SHIELD,ELEC:HIGH VOLTAGE (ATTACHING PARTS)	80009	337-2466-00
-2	211-0033-00		3		SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL - - - * - - -	83385	OBD
-3	343-0853-00		1		CLAMP,LOOP:0.5 DIA,NYLON	000GY	021-0500
-4	214-2526-00		1		CKT BOARD ASSY:HV & Z AXIS(SEE A13 REPL)		
	129-0951-00		1		SHIELD,EXP:6-32 X 0.312 INCH,PLASTIC	00613	E632
			1		SPACER,POST:0.595 L,W/6-32 INT THD,STL	80009	129-0951-00
			-		(OPTION 31 ONLY)		
					(ATTACHING PARTS)		
-5	211-0511-00		1		SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL	83385	OBD
	210-0457-00		2		NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL	83385	OBD
			-		(OPTION 31 ONLY)		
-6	210-0847-00		1		WASHER,FLAT:0.164 ID X 0.500 OD,NYLON	83309	OBD
	210-0803-00		1		WASHER,FLAT:0.15 ID X 0.032 THK,STL CD PL	12327	OBD
			-		(OPTION 31 ONLY)		
					- - - * - - -		
-7	334-2258-00		1		MARKER,IDENT:DANGER HI VOLT	80009	334-2258-00
-8			1		TRANSISTOR:CHASSIS MTG(SEE Q53 REPL)		
			1		TRANSISTOR:CHASSIS MTG(SEE Q41 REPL)		
			-		(OPTION 31 ONLY)		
					(ATTACHING PARTS)		
-9	211-0097-00		1		SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL	83385	OBD
-10	210-1122-00		1		WASHER,LOCK:0.12 ID,DISHED,0.025 THK	86928	OBD
			-		- - - * - - -		
-11	342-0163-00		1		INSULATOR,PLATE:XSTR,0.675 X 0.625 X 0.001"	80009	342-0163-00
-12	351-0460-00		2		GUIDE,CKT CARD:	80009	351-0460-00
					(ATTACHING PARTS)		
-13	213-0138-00		4		SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL	83385	OBD
			-		- - - * - - -		
-14	348-0050-00		1		GROMMET,PLASTIC:0.75 INCH DIA	80009	348-0050-00
			-		(NOT USED IN OPTION 31)		
-15	337-2465-00		1		SHIELD,ELEC:HIGH VOLTAGE	80009	337-2465-00
					(ATTACHING PARTS)		
-16	213-0144-00		4		SCREW,TPG,TF:8-18 X 0.5 INCH,TRH,STL	83385	OBD
			-		- - - * - - -		
-17	129-0541-00		2		POST,ELEC-MECH:1.53" L W/4-40 THD,NYLON	80009	129-0541-00
					(ATTACHING PARTS)		
-18	211-0033-00		2		SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
	211-0213-00		2		SCREW,MACHINE:4-40 X 0.312 INCH,PNH NYLON	23050	OBD
			-		(OPTION 31 ONLY)		
-19	351-0460-00		2		GUIDE,CKT CARD:	80009	351-0460-00
	351-0460-00		4		GUIDE,CKT CARD:	80009	351-0460-00
			-		(OPTION 31 ONLY)		
					(ATTACHING PARTS)		
-20	213-0138-00		4		SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL	83385	OBD
	211-0007-00		8		SCREW,MACHINE:4-40 X 0.188 INCH,PNH STL	83385	OBD
			-		(OPTION 31 ONLY)		
					- - - * - - -		
-21	384-1455-00		3		EXTENSION SHAFT:1.5 L X 0.28 OD,PLASTIC	80009	384-1455-00
-22	348-0744-01		1		BUMPER,PLASTIC:POLYSULFONE,NATURAL	80009	348-0744-01
					(ATTACHING PARTS)		
-23	212-0066-00		1		SCREW,MACHINE:8-32 X 0.500,ROH,NYL,SLOT	95987	OBD
			-		(OPTION 31 ONLY)		
-24	342-0608-00		1		INSULATOR,PLATE:HV MOUNTING,PLASTIC	85471	OBD
			-		- - - * - - -		
-25			1		CKT BOARD ASSY:HV AND Z AXIS(SEE A13A1 REPL)		
	136-0741-00		1		SKT,PL-IN ELEC:CRT,7 PIN,W/LEADS	80009	136-0741-00
-26	136-0278-00		1		SOCKET,PLUG-IN:WITH PINS	80009	136-0278-00
-27	131-1918-00		7		CONTACT,ELEC:22-26 AWG WIRE,CRIMP ON,BRS	27264	08-56-0107
-28	175-5021-00		AR		WIRE,ELECTRICAL:STRD 24 AWG,5000VDC	90484	OBD
-29	131-0993-00		2		BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
	131-0993-00		6		BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
			-		(OPTION 31 ONLY)		

**REPLACEABLE MECHANICAL PARTS**

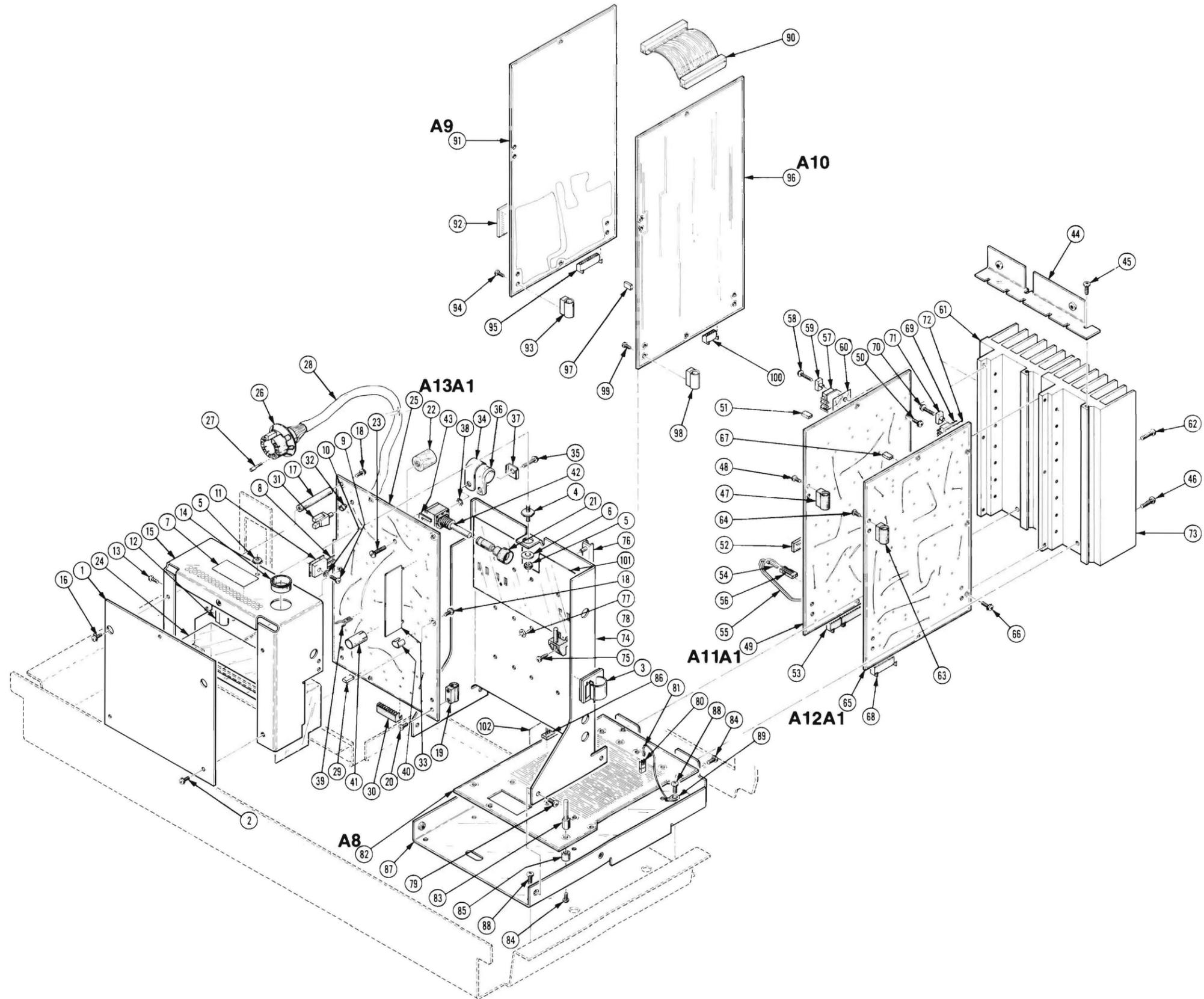
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-30	131-1994-00		2	.	.	.	.	.	CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
-31	124-0118-00		1	.	.	.	.	.	TERMINAL BOARD:1 NOTCH,CERAMIC,CLIP MTD	80009	124-0118-00
-32	361-0007-00		1	.	.	.	.	.	SPACER,SLEEVE:0.250 INCH DIA,PLASTIC	80009	361-0007-00
-33	337-1456-00		1	.	.	.	.	.	SHLD,ELECTRICAL:CKT CARD MOUNT	80009	337-1456-00
	337-0763-00		1	.	.	.	.	.	SHLD,ELECTRICAL:B SWEEP CKT BD	80009	337-0763-00
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-34	343-0659-00		1	.	.	.	.	.	CLAMP,LOOP:0.375 DIA,STEEL CAD PLATE	000CP	OBD
				.	.	.	.	.	(ATTACHING PARTS)		
-35	211-0152-00		1	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.625 INCH,PNH BRS	83385	OBD
-36	343-0004-00		1	.	.	.	.	.	CLAMP,LOOP:0.312 INCH DIAMETER,PLSTC	95987	5-16-6B
-37	210-0863-00		1	.	.	.	.	.	WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL	95987	C191
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-38	210-0005-00		1	.	.	.	.	.	WASHER,LOCK:#6 EXT,0.02 THK,STL	78189	1106-00
				-	-	-	-	-	* - - -		
-39	344-0154-00		2	.	.	.	.	.	CLIP,ELECTRICAL:FUSE,CKT BD MT	80009	344-0154-00
	344-0255-00		2	.	.	.	.	.	CLIP,ELECTRICAL:FUSE MOUNT	80009	344-0255-00
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-40	214-0973-00		1	.	.	.	.	.	HEAT SINK,ELEC:0.28 X 0.18 OVAL X 0.187" H	80009	214-0973-00
-41	214-0269-00		1	.	.	.	.	.	HEAT SINK,XSTR:0.312 DIA X 0.75 L	98978	TXD-032-75
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-42	-----		3	.	.	.	.	.	RES.,VAR:HC/INTEN/FGC(SEE R128,429,34 REPL)		
	-----		3	.	.	.	.	.	RESISTOR VAR:(SEE R415,425,471 REPL)		
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-43	361-0607-00		3	.	.	.	.	.	SPACER,SWITCH:PLASTIC	80009	361-0607-00
-44	407-2267-00		1	.	.	.	.	.	BRACKET,ANGLE:CIRCUIT BOARD,ALUMINUM	80009	407-267-00
				.	.	.	.	.	(ATTACHING PARTS)		
-45	213-0146-00		2	.	.	.	.	.	SCR,TPG,THD FOR:6-20 X 0.313 INCH,PNH STL	85385	OBD
	-----			-	-	-	-	-	* - - -		
	-----		1	.	.	.	.	.	CKT BOARD ASSY:DEFLECTION AMP(SEE A11 REPL)		
				.	.	.	.	.	(ATTACHING PARTS)		
-46	211-0511-00		2	.	.	.	.	.	SCREW,MACHINE:6-32 X 0.500,PNH,STL,CD PL	83385	OBD
	-----		-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-47	351-0460-00		3	.	.	.	.	.	GUIDE,CKT CARD:	80009	351-0460-00
				.	.	.	.	.	(ATTACHING PARTS)		
-48	211-0007-00		6	.	.	.	.	.	SCREW,MACHINE:4-40 X 0.188 INCH,PNH STL	83385	OBD
				-	-	-	-	-	* - - -		
-49	-----		1	.	.	.	.	.	CKT BOARD ASSY:DEFLECTION AMP(SEE A11A1 REPL)		
				.	.	.	.	.	(ATTACHING PARTS)		
-50	211-0033-00		3	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 PNH,STL,CD PL	83385	OBD
	211-0244-00		3	.	.	.	.	.	SCR,ASSEM WSHR:4-40 X 0.312 INCH,PNH STL	78189	OBD
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
				-	-	-	-	-	* - - -		
	-----		-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-51	131-0993-00		1	.	.	.	.	.	BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-52	136-0729-00		1	.	.	.	.	.	SKT,PL-IN ELEK:MICROCKT,16 CONTACT	09922	DILB16P-108T
-53	131-1994-00		2	.	.	.	.	.	CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
	131-1995-00		1	.	.	.	.	.	CONN,RCPT,ELEC:CKT BD,15 CONTACT MALE	27264	22-16-2151
	131-2131-00		1	.	.	.	.	.	CONN,RCPT,ELEC:CKT CD,5 CONT,RIGHT ANGLE	27264	22-16-2051
	198-3443-00		2	.	.	.	.	.	WIRE SET,ELEC:	80009	198-3443-00
	-----		-	.	.	.	.	.	EACH WIRE KIT INCLUDES:		
-54	131-0707-00		22	.	.	.	.	.	CONNECTOR,TERM:22-26 AWG,BRS& CU BE GOLD	22526	47439
	131-0708-00		2	.	.	.	.	.	CONTACT,ELEC:0.48"L,28-32 AWG WIRE	22526	47437
-55	175-0072-00		AR	.	.	.	.	.	CABLE,RF:2 CONDUCTOR	80009	175-0072-00
	175-0529-00		AR	.	.	.	.	.	WIRE,ELECTRICAL:26 AWG	12703	HU6546
	175-0825-00		AR	.	.	.	.	.	WIRE,ELECTRICAL:2 WIRE RIBBON	80009	175-0825-00
	175-0826-00		AR	.	.	.	.	.	WIRE,ELECTRICAL:3 WIRE RIBBON	80609	175-0826-00
	175-0827-00		AR	.	.	.	.	.	CABLE,SP,ELEC:4,26 AWG,STRD,PVC JKT,RBN	08261	SS04267(1061)OC
	175-0828-00		AR	.	.	.	.	.	WIRE,ELECTRICAL:5 WIRE RIBBON	08261	SS-0526-710610C
	175-1020-00		AR	.	.	.	.	.	CABLE,RF:50 OHM COAX,WHT POLYTHN JKT	90484	DAB70JAAAWHITE
	352-0169-00		4	.	.	.	.	.	HLDR,TERM CONN:2 WIRE BLACK	80009	352-0169-00
	352-0169-01		1	.	.	.	.	.	HLDR TERM CONN:2 WIRE,BROWN	80009	352-0169-01
	352-0161-05		1	.	.	.	.	.	CONN BODY,PL,EL:3 WIRE GREEN	80009	352-0161-05

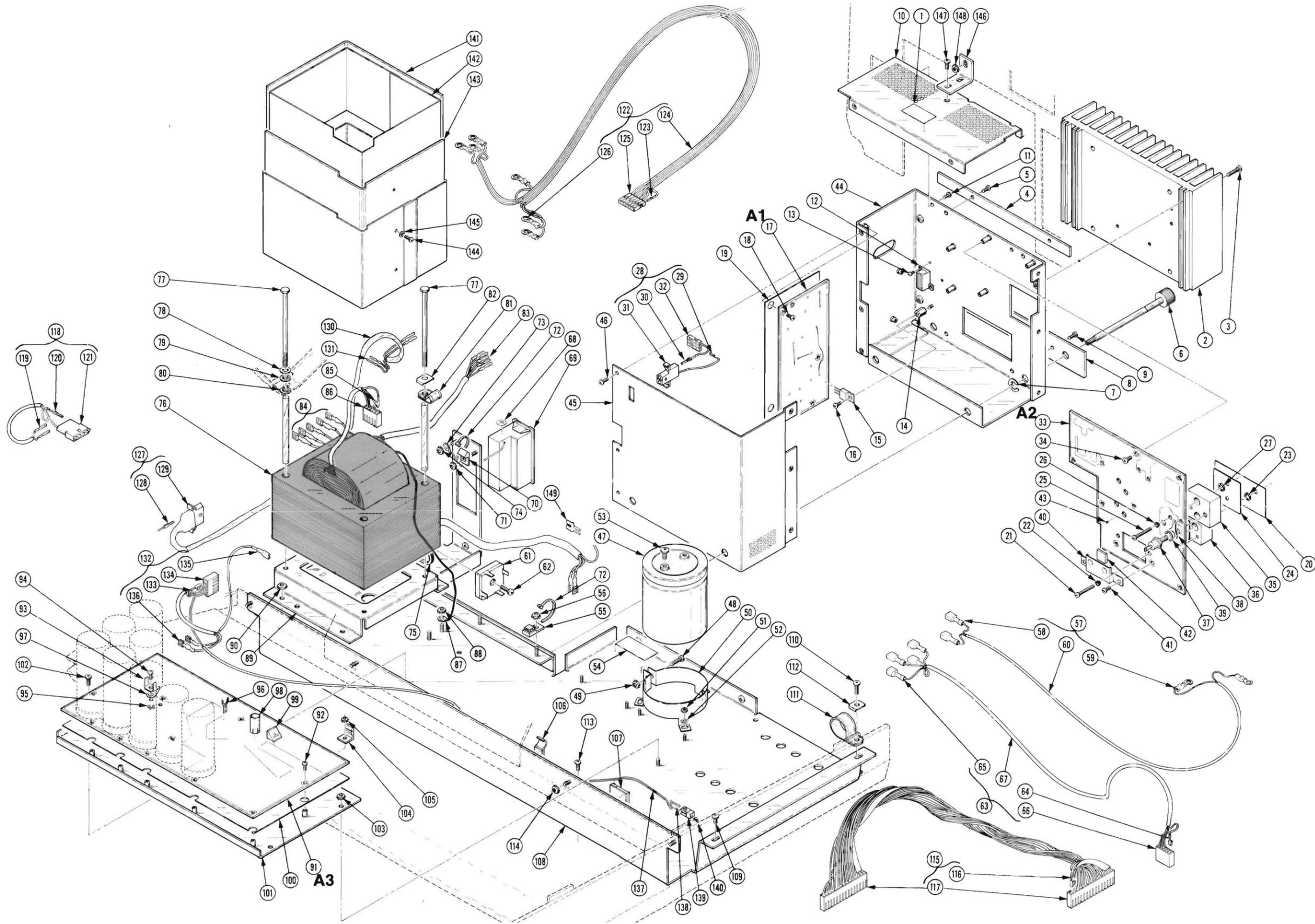
REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-56	352-0162-00		1	.	.	.	.	.	HLDR, TERM CONN:4 WIRE BLACK	80009	352-0162-00
	352-0163-00		1	.	.	.	.	.	CONN BODY, PL, EL:5 WIRE BLACK	80009	352-0163-00
-57	-----		4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q10,20,40,60 A11 REPL) (ATTACHING PARTS)		
-58	211-0033-00		4	.	.	.	.	.	SCR, ASSEM WSHR:4-40 X 0.312 PNH, STL, CD PL	83385	OBD
	211-0198-00		4	.	.	.	.	.	SCREW, MACHINE:4-40 X 0.438 PNH, STL, POZ	77250	OBD
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-59	342-0536-00		4	.	.	.	.	.	INSULATOR, XSTR:TO-220, POLYENELENE	80009	342-0536-00
	-----		-	.	.	.	.	.	* - - -		
-60	342-0311-00		4	.	.	.	.	.	INSULATOR, PLATE:TRANSISTOR, MICA	01295	64-21-023-212
-61	214-2508-01		1	.	.	.	.	.	HEAT SINK, ELEC:CIRCUIT BOARD, AL	80009	214-2508-01
	214-2508-01		1	.	.	.	.	.	HEAT SINK, ELEC:CIRCUIT BOARD, AL	80009	214-2508-01
	-----		1	.	.	.	.	.	CKT BOARD ASSY:STORGE, W/HEATSINK(SEE A12 REPL) (ATTACHING PARTS)		
-62	211-0511-00		2	.	.	.	.	.	SCREW, MACHINE:6-32 X 0.500, PNH, STL, CD PL	83385	OBD
	-----		-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-63	351-0460-00		3	.	.	.	.	.	GUIDE, CKT CARD:	80009	351-0460-00
	-----		-	.	.	.	.	.	(ATTACHING PARTS)		
-64	211-0007-00		6	.	.	.	.	.	SCREW, MACHINE:4-40 X 0.188 INCH, PNH STL	83385	OBD
	-----		-	.	.	.	.	.	* - - -		
-65	-----		1	.	.	.	.	.	CKT BOARD ASSY:STORAGE(SEE A12A1 REPL) (ATTACHING PARTS)		
-66	211-0033-00		3	.	.	.	.	.	SCR, ASSEM WSHR:4-40 X 0.312 PNH, STL, CD PL	83385	OBD
	211-0244-00		3	.	.	.	.	.	SCR, ASSEM WSHR:4-40 X 0.312 INCH, PNH STL	78189	OBD
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
	-----		-	.	.	.	.	.	* - - -		
	-----		-	.	.	.	.	.	CKT BOARD ASSY INCLUDES:		
-67	131-0993-00		3	.	.	.	.	.	BUS, CONDUCTOR:2 WIRE BLACK	00779	850100-01
-68	131-1994-00		2	.	.	.	.	.	CONN, RCPT, ELEC:CKT BD, 10 CONTACT MALE	27264	22-16-2101
	131-1995-00		1	.	.	.	.	.	CONN, RCPT, ELEC:CKT BD, 15 CONTACT MALE	27264	22-16-2151
	131-2131-00		1	.	.	.	.	.	CONN, RCPT, ELEC:CKT CD, 5 CONT, RIGHT ANGLE	27264	22-16-2051
-69	-----		4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q15,25,35,45 A12A1 REPL)		
	-----		4	.	.	.	.	.	XSTR:CHAS MTG(SEE Q55,65,75,85 A12A1 REPL) (ATTACHING PARTS)		
-70	211-0246-00		8	.	.	.	.	.	SCR, ASSEM WSHR:4-40 X 0.625 INCH, PNH, STL	78189	OBD
-71	342-0536-00		8	.	.	.	.	.	INSULATOR, XSTR:TO-220, POLYENELENE	80009	342-0536-00
	-----		-	.	.	.	.	.	* - - -		
-72	342-0563-00		8	.	.	.	.	.	INSULATOR, PLATE:TRANSISTOR, FIBERGLAS	18565	OBD
-73	214-2508-00		1	.	.	.	.	.	HT SK, CKT CARD:	80009	214-2508-00
	214-2508-01		1	.	.	.	.	.	HEAT SINK, ELEC:CIRCUIT BOARD, AL	80009	214-2508-01
	-----		-	.	.	.	.	.	(OPTION 31 ONLY)		
-74	214-2507-00		4	.	.	.	.	.	PIN, GUIDE:CIRCUIT CARD	80009	214-2507-00
	-----		-	.	.	.	.	.	(ATTACHING PARTS)		
-75	213-0777-00		4	.	.	.	.	.	SCREW, TPG, TF:4-24 X 0.375 L, FLH, 100 DEG	93907	OBD
	-----		-	.	.	.	.	.	* - - -		
-76	351-0512-00		3	.	.	.	.	.	GUIDE, CKT BOARD:WHITE NYLON, 4.89L	80009	351-0512-00
	-----		-	.	.	.	.	.	(ATTACHING PARTS)		
-77	354-0195-00		3	.	.	.	.	.	RING, RETAINING:	97464	6100-12-ST-PA
	-----		-	.	.	.	.	.	* - - -		
-78	426-1599-00		1	.	.	.	.	.	FR, CKT BD MDL:ALUMINUM	80009	426-1599-00
	-----		-	.	.	.	.	.	(ATTACHING PARTS)		
-79	211-0504-00		4	.	.	.	.	.	SCREW, MACHINE:6-32 X 0.25 INCH, PNH STL	83385	OBD
	-----		-	.	.	.	.	.	* - - -		
	198-3572-00		1	.	.	.	.	.	WIRE SET, ELEC:	80009	198-3572-00
-80	131-0707-00		1	.	.	.	.	.	CONNECTOR, TERM:22-26 AWG, BRSE CU BE GOLD	22526	47439
	175-0523-00		AR	.	.	.	.	.	WIRE, ELECTRICAL:STRD, 22 AWG, 300V RMS, BLACK	90484	OBD
-81	352-0169-00		1	.	.	.	.	.	HLDR, TERM CONN:2 WIRE BLACK	80009	352-0169-00
-82	-----		1	.	.	.	.	.	CKT BOARD ASSY:INTERCONNECT(SEE A8 REPL) (ATTACHING PARTS)		
-83	214-2506-00		12	.	.	.	.	.	PIN, STR, HDLS:0.250 DIA X 1.450 L, AL	80009	214-2506-00
-84	211-0008-00		12	.	.	.	.	.	SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL	83385	OBD
-85	361-0822-00		12	.	.	.	.	.	SPACER, SLEEVE:0.3 L X 0.148ID, AL	80009	361-0822-00
	-----		-	.	.	.	.	.	* - - -		

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
5-	-----	-----		-						CKT BOARD ASSY INCLUDES:		
-86	131-1976-00			1						. TERM. SET,PIN:15 MALE CONT	27264	09-60-1151
-87	441-1359-00			1						CHAS,CKT BD MDL:	80009	441-1359-00
										(ATTACHING PARTS)		
-88	211-0504-00			4						SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL	83385	OBD
-89	210-0201-00			1						TERMINAL,LUG:0.12 ID,LOCKING,BRZ TIN PL	86928	OBD
										- - - * - - -		
-90	175-2353-00			1						CA ASSY,SP,ELEC:40,28 AWG,3.5L,RIBBON	000E0	OBD
-91	-----			1						CKT BOARD ASSY:VECTOR GEN(SEE A9 REPL)		
-92	136-0751-00			2						. SKT,PL-IN ELEK:MICROCKT,24 PIN	09922	DILB24P108
-93	351-0460-00			2						. GUIDE,CKT CARD:	80009	351-0460-00
										(ATTACHING PARTS)		
-94	213-0138-00			4						. SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL	83385	OBD
										- - - * - - -		
-95	131-1994-00			2						. CONN,RCPT,ELEC:CKT BD,10 CONTACT MALE	27264	22-16-2101
-96	-----			1						CKT BOARD ASSY:DSPLY CONT(SEE A10 REPL)		
-97	131-0993-00			1						. BUS,CONDUCTOR:2 WIRE BLACK	00779	850100-01
-98	351-0460-00			2						. GUIDE,CKT CARD:	80009	351-0460-00
										(ATTACHING PARTS)		
-99	213-0138-00			4						. SCR,TPG,TF:4-24 X 0.188 INCH,PNH STL	83385	OBD
										- - - * - - -		
-100	131-2131-00			1						. CONN,RCPT,ELEC:CKT CD,5 CONT,RIGHT ANGLE	27264	22-16-2051
-101	342-0609-00			1						. INSULATOR,PLATE:CKT BD,PLASTIC		
-102	334-2255-00			1						MARKER,IDENT:DANGER 500V	80009	334-2255-00





REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
6-1	334-2255-00		1						MARKER, IDENT:DANGER 500V	80009	334-2255-00
-2	214-2890-00		1						. HEAT SINK, ELEC:CIRCUIT BOARD, AL (ATTACHING PARTS)	80009	214-2890-00
-3	211-0514-00		4						. SCREW, MACHINE:6-32 X 0.750 INCH, PNH STL - - - * - - -	83385	OBD
-4	386-4258-01		1						. PANEL, REAR:TOP (ATTACHING PARTS)	80009	386-4258-01
-5	211-0008-00		2						. SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-6	213-0853-00		2						. THUMBSCREW:0.250-20 X 4.875 X 0.25 OD SST (ATTACHING PARTS)	80009	213-0853-00
-7	354-0299-00		2						. RING, RETAINING: - - - * - - -	79136	5133-25S-MD
-8	386-4259-00		1						. PANEL, REAR:BOTTOM (ATTACHING PARTS)	80009	386-4259-00
-9	211-0008-00		2						. SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-10	200-2353-00		1						. COVER, PWR SPLY:5 VOLT, TOP, AL (ATTACHING PARTS)	80009	200-2353-00
-11	211-0008-00		2						. SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-12	308-0818-00		1						. RES, FXD, WW:0.005 OHM, 3%, 10W (ATTACHING PARTS)	91637	RH10-89/.005 3%
-13	213-0055-00		2						. SCR, TPG, THD FOR:2-32 X 0.188 INCH, PNH STL - - - * - - -	93907	OBD
-14	361-0041-00		1						. POST, ELEC-MECH:4-40 X 0.25 X 0.375 INCH L	80009	361-0041-00
-15	156-0285-00		1						. MICROCIRCUIT, LI:VOLTAGE REGULATOR (ATTACHING PARTS)	27014	LM340T-12
-16	211-0008-00		1						. SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-17	-----		1						. CKT BOARD ASSY:PRIMARY INTER(SEE A1 REPL) (ATTACHING PARTS)		
-18	211-0008-00		4						. SCREW, MACHINE:4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-19	342-0486-00		1						. INSULATOR, PLATE:CIRCUIT BOARD, FIBER BOARD	80009	342-0486-00
-20	342-0424-00		1						. INSULATOR, FILM:HEAT SINK, PLASTIC (ATTACHING PARTS)	55285	OBD
-21	211-0019-00		2						. SCREW, MACHINE:4-40 X 1.0 INCH, PNH STL	83385	OBD
-22	210-1181-00		2						. WASHER, SHLDR:1.22 ID X 0.20D	31223	OBD
-23	361-0020-00		2						. INSULATOR, WSHR:0.156 ID X 0.078 THK TEFLON - - - * - - -	80009	361-0020-00
-24	342-0426-00		1						. INSULATOR, FILM:HEAT SINK, PLASTIC (ATTACHING PARTS)	80009	342-0426-00
-25	211-0019-00		2						. SCREW, MACHINE:4-40 X 1.0 INCH, PNH STL	83385	OBD
-26	210-1181-00		2						. WASHER, SHLDR:1.22 ID X 0.20D	31223	OBD
-27	361-0020-00		2						. INSULATOR, WSHR:0.156 ID X 0.078 THK TEFLON - - - * - - -	80009	361-0020-00
-28	175-2675-00		1						. CA ASSY, SP, ELEC:2, 18 AWG, 2.5 L	80009	175-2675-00
-29	131-0792-00		2						. . CONNECTOR, TERM:18-20 AWG, CU BE GOLD PL	22526	46221
-30	131-0948-00		2						. . CONTACT, ELEC:CONNECTOR, BRASS TIN PL	27264	02-09-1103
-31	204-0826-00		1						. . CONN BODY, RCPT:2 CONT, FEMALE	27264	03-09-1021
-32	352-0199-07		1						. . HLDR, TERM CONN:3 WIRE VIOLET	80009	352-0199-07
-33	-----		1						. CKT BOARD ASSY:+5V OUTPUT(SEE A2 REPL) (ATTACHING PARTS)		
-34	211-0504-00		6						. SCREW, MACHINE:6-32 X 0.25 INCH, PNH STL - - - * - - -	83385	OBD
-35	361-0909-00		1						. . SPACER, PLATE:0.562 X 1.3 X 1.25 AL	80009	361-0909-00
-36	361-0908-00		1						. . SPACER, PLATE:0.562 X 2.4 X 1.0 AL	80009	361-0908-00
-37	-----		2						. . DIODE:(SEE CR371, CR381 REPL) (ATTACHING PARTS)		
-38	210-0224-00		2						. . TERMINAL, LUG:0.20 ID X 0.344 OD, SE, BRS	86928	A373-148-1
-39	210-0010-00		2						. . WASHER, LOCK:INT, 0.20 ID X 0.376" OD, STL - - - * - - -	78189	1210-00-00-0541C

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
6-40	386-3928-00		1	.	.				SUPPORT, XSTR: (ATTACHING PARTS)	80009	386-3928-00
-41	211-0008-00		2	.	.				SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
-42	342-C389-00		2	.	.				INSULATOR, PLATE: TRANSISTOR, PLASTIC	80009	342-0389-00
-43	136-0252-07		9	.	.				SOCKET, PIN CONN: W/O DIMPLE	22526	75060-012
	175-2436-00		1	.	.				CA ASSY, SP, ELEC: 2, 26 AWG, 2, 18AWG, 7.25 L	80009	175-2436-00
	175-0072-00		AR	.	.				CABLE, RF: 2 CONDUCTOR	80009	175-0072-00
-44	441-1482-00		1	.	.				CHAS, GRPH SYS: 5 VOL POWER SPLY, AL	80009	441-1482-00
-45	200-2354-01		1	.	.				COVER, PWR SPLY: 5V REAR, AL (ATTACHING PARTS)	80009	200-2354-01
-46	211-0008-00		6	.	.				SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL - - - * - - -	83385	OBD
	354-0538-00		1	.	.				PACKING, PREFMD: 0.119 ID X 0.125" OD, NPRN	07322	8006-366Y
-47	-----		2	.	.				CAPACITOR: (SEE C5006, C5007 REPL) (ATTACHING PARTS)		
-48	211-0511-00		2	.	.				SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL	83385	OBD
-49	210-0457-00		2	.	.				NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-50	343-0064-00		2	.	.				CLAMP, LOOP: CAPACITOR MTG (ATTACHING PARTS)	80009	343-0064-00
-51	210-0407-00		6	.	.				NUT, PLAIN, HEX.: 6-32 X 0.25 INCH, BRS	73743	3038-0228-402
-52	210-9006-00		6	.	.				WASHER, LOCK: #6 INTL, 0.018THK, STL CD PL - - - * - - -	78189	1206-00-00-0541C
-53	212-0518-00		4	.	.				SCREW, MACHINE: 10-32 X 0.312, PNH, STL, CD PL	83385	OBD
-54	334-2255-00		1	.	.				MARKER, IDENT: DANGER 500V	80009	334-2255-00
-55	343-0220-00		5	.	.				CLAMP, TIE DOWN: NYLON, SCREW MOUNT (ATTACHING PARTS)	80009	343-0220-00
-56	210-0457-00		5	.	.				NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-57	175-2670-00		1	.	.				CA ASSY, SP, ELEC: 2, 18 AWG, 18.0 L	80009	175-2670-00
-58	131-2435-00		2	.	.				TERM, QIK DISC: FEMALE, 18-22 AWG	00779	2-520183-2
-59	210-0303-C0		2	.	.				TERMINAL, LUG: #8, RING, SOLDERLESS, CU TIN P	09922	BA16E-8M
-60	162-0561-00		AR	.	.				INSUL SLVG, ELEC: HT SHRINK, 0.093, POLYOLEFIN	06090	VERSAFIT
-61	-----		3	.	.				SEMICONV DEVICE: (SEE CR5003, CR5004, CR5005 REPL) (ATTACHING PARTS)		
-62	211-0511-00		3	.	.				SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL - - - * - - -	83385	OBD
-63	175-2672-00		1	.	.				CA ASSY, SP, ELEC: 4, 18 AWG, 17.0 L	80009	175-2672-00
-64	131-1790-00		4	.	.				CONTACT, ELEC: 18-24 AWG, FEMALE, BRASS	27264	08-56-0105
-65	131-2435-00		4	.	.				TERM, QIK DISC: FEMALE, 18-22 AWG	00779	2-520183-2
-66	204-0749-00		1	.	.				CONN BODY, PLUG: CKT CD, 5 CONTW/O LKG RAMP	27264	2139-052
-67	162-0561-00		AR	.	.				INSUL SLVG, ELEC: HT SHRINK, 0.093, POLYOLEFIN	06090	VERSAFIT
-68	334-3379-02		1	.	.				MARKER, IDENT: MARKED GROUND SYMBOL	80009	334-3379-02
-69	119-0813-00		1	.	.				SELECTOR, VOLTS: W/LINE FLTR RCPT & FUSE	02777	F65003
-70	343-0150-00		1	.	.				CLAMP, TIE DOWN: (ATTACHING PARTS)	95987	OBD
-71	210-0457-00		1	.	.				NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-72	343-0549-00		7	.	.				STRAP, TIEDOWN: 0.091 W X 3.62 INCH LONG	59730	TY100
	195-0481-00		1	.	.				LEAD, ELECTRICAL: 18 AWG, 2.0 L, 5-4	80009	195-0481-00
-73	210-0202-00		1	.	.				TERMINAL, LUG: 0.146 ID, LOCKING, BRZ TINNED (ATTACHING PARTS)	78189	2104-06-00-2520N
-74	210-0457-00		1	.	.				NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-75	348-0145-00		2	.	.				GROMMET, PLASTIC: U-SHP, 1.0 X 0.42 INCH	80009	348-0145-00
-76	-----		1	.	.				TRANSFORMER: (SEE T5001 REPL) (ATTACHING PARTS)		
-77	212-0543-00		4	.	.				SCREW, MACHINE: 10-32 X 3.750HEX HD	83385	OBD
-78	210-0805-00		3	.	.				WASHER, FLAT: 0.204 ID X 0.438 INCH OD, STL	12327	OBD
-79	210-0813-00		3	.	.				WSHR, SHOULDERED: # 10 FIBER	74921	OBD
-80	166-0229-00		4	.	.				INS SLV, ELEC: 0.187 ID X 3.25 INCH LONG	80009	166-0229-00
-81	343-0003-0C		1	.	.				CLAMP, LOOP: 0.25 ID, PLASTIC	95987	1-4-6B
-82	210-0863-00		1	.	.				WSHR, LOOP CLAMP: 0.187 ID U/W 0.5 W CLP, STL - - - * - - -	95987	C191

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
6-	-----								TRANSFORMER INCLUDES:		
-83	131-0677-00		5						. CONNECTOR,TERM:18 AWG	98278	122-0192-019
-84	131-1159-00		9						. TERM,QIK DISC.:14-18 AWG,U/WO.25 X 0.032	00779	42660-2
-85	131-1918-00		4						. CONTACT,ELEC:22-26 AWG WIRE,CRIMP ON,BRS	27264	08-56-0107
-86	204-0749-00		1						. CONN BODY,PLUG:CKT CD,5 CONTW/O LKG RAMP	27264	2139-052
-87	210-0202-00		1						. TERMINAL,LUG:0.146 ID,LOCKING,BRZ TINNED (ATTACHING PARTS)	78189	2104-06-00-2520N
-88	210-0457-00		1						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-89	407-2294-00		1						BRACKET,SUPPORT:TRANSFORMER,STEEL (ATTACHING PARTS)	80009	407-2294-00
-90	210-0458-00		4						NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-91	-----		1						CKT BOARD ASSY:LV PWR(SEE A3 REPL) (ATTACHING PARTS)		
-92	211-0008-00		9						SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL - - - * - - -	83385	OBD
-93	131-1816-00		2						CKT BOARD ASSY INCLUDES: . TERM,QIK DISC.:0.25 X 0.315 X 0.032 DOUBLE (ATTACHING PARTS)	00779	41480
-94	211-0008-00		2						. SCREW,MACHINE:4-40 X 0.250,PNH,STL,CD PL	83385	OBD
-95	210-0586-00		2						. NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - - - * - - -	83385	OBD
-96	344-0154-00		14						. CLIP,ELECTRICAL:FUSE,CKT BD MT	80009	344-0154-00
-97	210-0201-00		1						. TERMINAL,LUG:0.12 ID,LOCKING,BRZ TIN PL	86928	OBD
-98	214-0269-00		1						. HEAT SINK,XSTR:0.312 DIA X 0.75 L	98978	TXD-032-75
-99	352-0673-00		1						. HOLDER,VAR RES:POLYCARBONATE	80009	352-0673-00
-100	342-0487-00		1						INSULATOR,PIALTE:CIRCUIT BOARD,FIBER SHEET	80009	342-0487-00
-101	386-4157-00		2						SUPPORT,CKT BD:ALUMINUM (ATTACHING PARTS)	80009	386-4157-00
-102	211-0503-00		2						SCREW,MACHINE:6-32 X 0.188 INCH,PNH STL	83385	OBD
-103	210-0457-00		2						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-104	344-0133-00		2						CLIP,SPR,TNSN:CIRCUIT CARD MOUNTING (ATTACHING PARTS)	80009	344-0133-00
-105	210-0586-00		2						NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL - - - * - - -	83385	OBD
-106	343-0298-00		3						CLAMP,LOOP:PLASTIC,W/ADHESIVE BACK	95987	HPC25
-107	352-0482-00		1						HOLDER,CA,TIE:0.75 SQ,STICKY BACK,PLASTIC	06383	ABMM-A
-108	441-1481-01		1						CHAS,GRPH SYS:REAR (ATTACHING PARTS)	80009	441-1481-01
-109	212-0004-00		3						SCREW,MACHINE:8-32 X 0.312 INCH,PNH STL	83385	OBD
-110	212-0008-00		1						SCREW,MACHINE:8-32 X 0.500 INCH,PNH STL	83385	OBD
-111	343-0009-00		1						CLAMP,LOOP:	95987	7-8 6R
-112	210-0863-00		1						WSHR,LOOP CLAMP:0.187 ID U/W 0.5 W CLP,STL	95987	C191
-113	211-0507-00		3						SCREW,MACHINE:6-32 X 0.312 INCH,PNH STL	83385	OBD
-114	210-0458-00		2						NUT,PL,ASSEM WA:8-32 X 0.344 INCH,STL - - - * - - -	83385	OBD
-115	175-2006-02		1						CA ASSY,SP,ELEC:15,18 AWG,17.0 L,RIBBON	80009	175-2006-02
-116	131-1790-00		30						. CONTACT,ELEC:18-24 AWG,FEMALE,BRASS	27264	08-56-0105
-117	204-0751-00		2						. CONN BODY,PLUG:CKT CD,15 CONT,W/O LKG RAMP	27264	09-50-3151
-118	175-2674-00		1						CA ASSY,SP,ELEC:2,18 AWG,4.5 L	80009	175-2674-00
-119	131-1981-00		2						. CONNECTOR,TERM.:16-20 AWG,BRASS	91886	122-0202-019
-120	131-0948-00		2						. CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-1103
-121	131-0947-00		1						. CONN BODY,RCPT:MALE,SNAP-IN PNL MT,4 CONT	27264	03-09-1041
-122	175-2643-00		1						CA ASSY,SP,ELEC:6,18 AWG,36.0 L	80009	175-2643-00
-123	131-0792-00		6						. CONNECTOR,TERM:18-20 AWG,CU BE GOLD PL	22526	46221
-124	175-5057-00		AR						. CABLE,SP,ELEC:6,18 AWG,RIBBON	08261	OBD
-125	352-0202-00		1						. HLDR,TERM CONN:6 WIRE BLACK	80009	352-0202-00
-126	210-0322-00		6						. TERMINAL LUG:#10,SOLDERLESS,CU TIN PL	00779	34149
-127	175-2644-00		1						CA ASSY,SP,ELEC:4,18 AWG,24.0 L	80009	175-2644-00
-128	131-1981-00		2						. CONNECTOR,TERM.:16-20 AWG,BRASS	91886	122-0202-019
-129	131-0947-00		1						. CONN BODY,RCPT:MALE,SNAP-IN PNL MT,4 CONT	27264	03-09-1041
-130	175-1577-00		AR						. CABLE,SP,ELEC:4,18 AWG,TWISTED	80009	175-1577-00
-131	131-0948-00		4						. CONTACT,ELEC:CONNECTOR,BRASS TIN PL	27264	02-09-1103

# REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
6-132	175-2673-00		1						CA ASSY, SP, ELEC: 3, 18 AWG, 13.0 L	80009	175-2673-00
-133	131-1790-00		3						. CONTACT, ELEC: 18-24 AWG, FEMALE, BRASS	27264	08-56-0105
	131-1918-00		2						. CONTACT, ELEC: 22-26 AWG WIRE, CRIMP ON, BRS	27264	08-56-0107
-134	204-0749-00		1						. CONN BODY, PLUG: CKT CD, 5 CONTW/O LKG RAMP	27264	2139-052
-135	131-1159-00		1						. TERM, QIK DISC.: 14-18 AWG, U/WO. 25 X 0.032	00779	42660-2
-136	131-1678-00		2						. CONTACT, ELEC: 0.250 X 0.032 INCH TAB FIT	00779	61944-2
-137	175-0825-00		AR						. WIRE, ELECTRICAL: 2 WIRE RIBBON	80009	175-0825-00
-138	131-0707-00		2						. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-139	352-0176-00		1						. CONN BODY, PL, EL: 4 WIRE, DBL ROW BLACK	80009	352-0176-00
-140	134-0153-00		2						. KEY, PLZN CONN: MINI LATCH HSG	80009	134-0153-00
-141	342-0601-00		1						INSULL SH. ELEC: TRANSFORMER, PAPER/NYLON	12703	HU6932
-142	337-2986-00		1						SHIELD, ELEC: TRANSFORMER	80009	337-2986-00
-143	337-2985-00		2						SHIELD, ELEC: TRANSFORMER	80009	337-2985-00
									(ATTACHING PARTS)		
-144	211-0007-00		4						SCREW, MACHINE: 4-40 X 0.188 INCH, PNH STL	83385	OBD
-145	210-0054-00		4						WASHER, LOCK: SPLIT, 0.118 ID X 0.212"OD STL	83385	OBD
									- - - * - - -		
-146	407-1763-00		1						BRACKET, ANGLE: CRT, ALUMINUM	80009	407-1763-00
									(ATTACHING PARTS)		
-147	211-0507-00		1						SCREW, MACHINE: 6-32 X 0.312 INCH, PNH STL	83385	OBD
-148	210-0457-00		1						NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL	83385	OBD
-149	131-2799-00		1						TERM, QIK DISC: ADAPTOR, BRASS, TIN PL	00779	62942-1

REPLACEABLE MECHANICAL PARTS

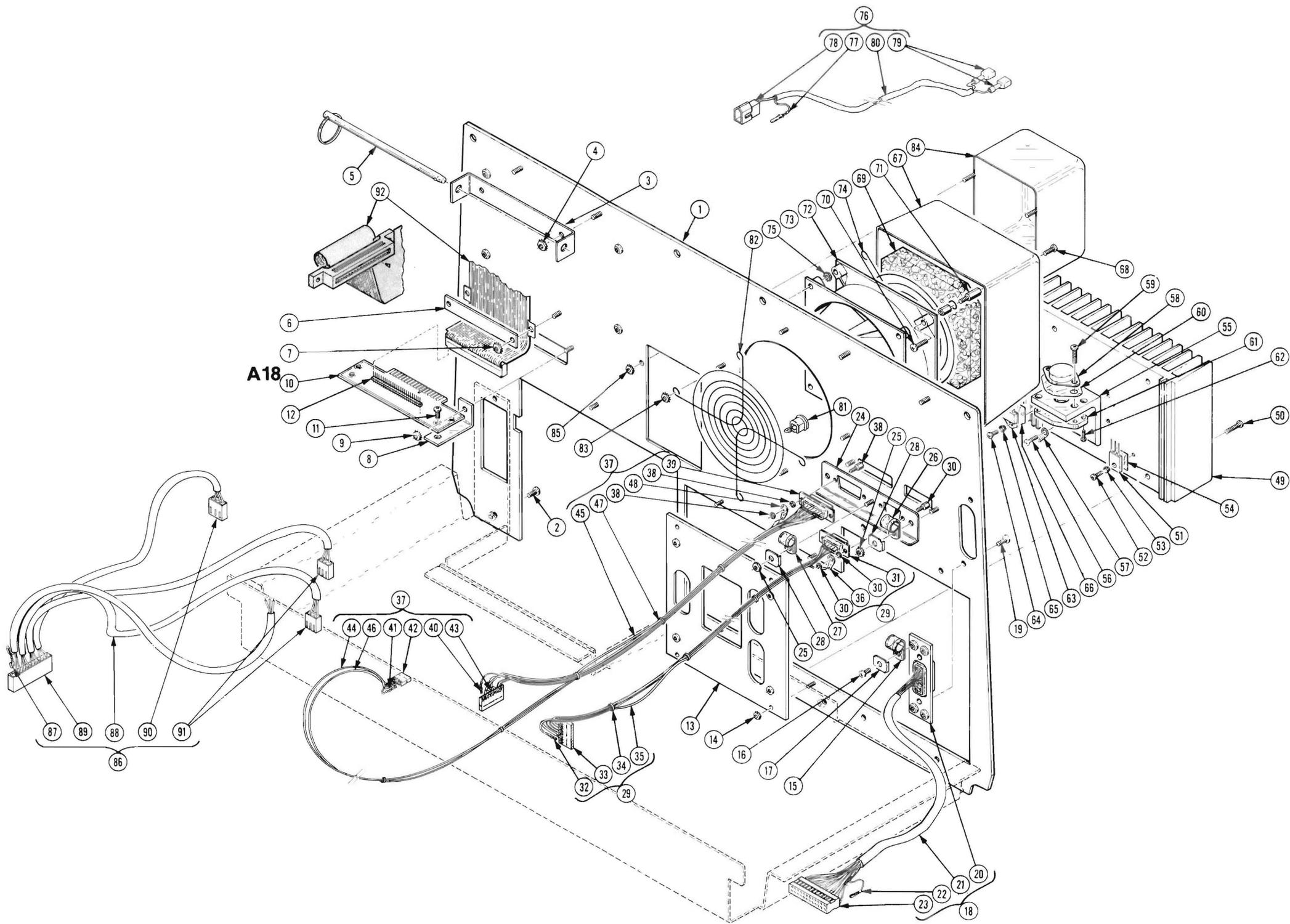
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
7-1	333-2511-01		1		PANEL, REAR: (ATTACHING PARTS)	80009	333-2511-01
-2	212-0518-00		2		SCREW, MACHINE: 10-32 X 0.312, PNH, STL, CD PL	83385	OBD
	212-0004-00		2		SCREW, MACHINE: 8-32 X 0.312 INCH, PNH STL - - - * - - -	83385	OBD
-3	214-2891-00		2		HINGE, CKT BOARD: STEEL (ATTACHING PARTS)	80009	214-2891-00
-4	210-0458-00		4		NUT, PL, ASSEM WA: 8-32 X 0.344 INCH, STL - - - * - - -	83385	OBD
-5	214-2911-00		2		PIN, STR, HEADED: 0.25 DIA X 5.662 L, STEEL		
-6	346-0172-00		1		STRAP, GROUND: CABLE, 3.25 L, AL (ATTACHING PARTS)	80009	346-0172-00
-7	210-0457-00		2		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-8	407-2309-00		2		BRACKET, ANGLE: CIRCUIT BOARD, AL (ATTACHING PARTS)	30009	407-2309-00
-9	210-0457-00		2		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-10	-----		1		CKT BOARD ASSY: INTERCONNECT (SEE A18 REPL) (ATTACHING PARTS)		
-11	211-0504-00		2		SCREW, MACHINE: 6-32 X 0.25 INCH, PNH STL - - - * - - -	83385	OBD
	-----		-		CKT BOARD ASSY INCLUDES:		
-12	131-1857-00		2		. TERM. SET, PIN: 36/0.025 SQ PIN, ON 0.1 CTRS	22526	65500136
-13	386-4255-00		1		PLATE, HEAT SINK: ALUMINUM (ATTACHING PARTS)	80009	386-4255-00
-14	210-0586-00		4		NUT, PL, ASSEM WA: 4-40 X 0.25, STL CD PL - - - * - - -	83385	OBD
-15	343-0004-00		1		CLAMP, LOOP: 0.312 INCH DIAMETER, PLSTC (ATTACHING PARTS)	95987	5-16-6B
-16	211-0504-00		1		SCREW, MACHINE: 6-32 X 0.25 INCH, PNH STL	83385	OBD
-17	210-0863-00		1		WSHR, LOOP CLAMP: 0.187 ID U/W 0.5 W CLP, STL - - - * - - -	95987	C191
-18	175-2661-00		1		CA ASSY, SP, ELEC: 24, 26 AWG, 13.0 L (ATTACHING PARTS)	80009	175-2661-00
-19	211-0581-00		2		SCREW, MACHINE: 6-32 X 0.375 INCH, TRH STL - - - * - - -	83385	OBD
	-----		-		CABLE ASSY INCLUDES:		
-20	386-3370-01		1		. PLATE, CONN MTG: REAR, W/HARDWARE	80009	386-3370-01
-21	175-0393-00		1		. CABLE, SP, ELEC: 24, 26 AWG, GRAY VINYL JKT	80009	175-0393-00
-22	131-0707-00		24		. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-23	352-0428-00		1		. CONN BODY, PLUG: 2/12 FEM CONT	22526	65043-070
-24	407-2321-00		1		BRACKET, CONN: ALUMINUM (ATTACHING PARTS)	80009	407-2321-00
-25	210-0457-00		3		NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-26	343-0004-00		1		CLAMP, LOOP: 0.312 INCH DIAMETER, PLSTC	95987	5-16-6B
-27	343-0005-00		1		CLAMP, LOOP: 0.438 INCH	95987	7-16-6B
-28	210-0863-00		2		WSHR, LOOP CLAMP: 0.187 ID U/W 0.5 W CLP, STL	95987	C191
-29	175-2689-00		1		CA ASSY, SP, ELEC: 2, 50 OHM COAX, 5, 22 AWG, 29.0 L (ATTACHING PARTS)	80009	175-2689-00
-30	131-0890-00		2		LOCK, CONNECTOR: 4-40 X 0.312 L - - - * - - -	71468	D 20418-2
	-----		-		JOYSTICK CABLE ASSY INCLUDES:		
-31	131-1006-00		1		. CONN, RCPT, ELEC: 9 CONTACT, FEMALE	71468	DE 9S
-32	131-0708-00		4		. CONTACT, ELEC: 0.48" L, 28-32 AWG WIRE	22526	47437
	131-0707-00		5		. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
-33	352-0167-01		1		. CONN BODY, PL, EL: 9 WIRE BROWN	80009	352-0167-01
-34	343-0549-00		6		. STRAP, TIEDOWN: 0.091 W X 3.62 INCH LONG	59730	TY100
-35	175-0072-00		AR		. CABLE, RF: 2 CONDUCTOR	80009	175-0072-00
-36	210-0201-00		2		TERMINAL, LUG: 0.12 ID, LOCKING, BRZ TIN PL	86928	OBD
-37	175-2688-00		1		CA ASSY, SP, ELEC: 4, 26 AWG, 2, 50OHM COAX (ATTACHING PARTS)	80009	175-2688-00
-38	131-0890-00		2		LOCK, CONNECTOR: 4-40 X 0.312 L - - - * - - -	71468	D 20418-2

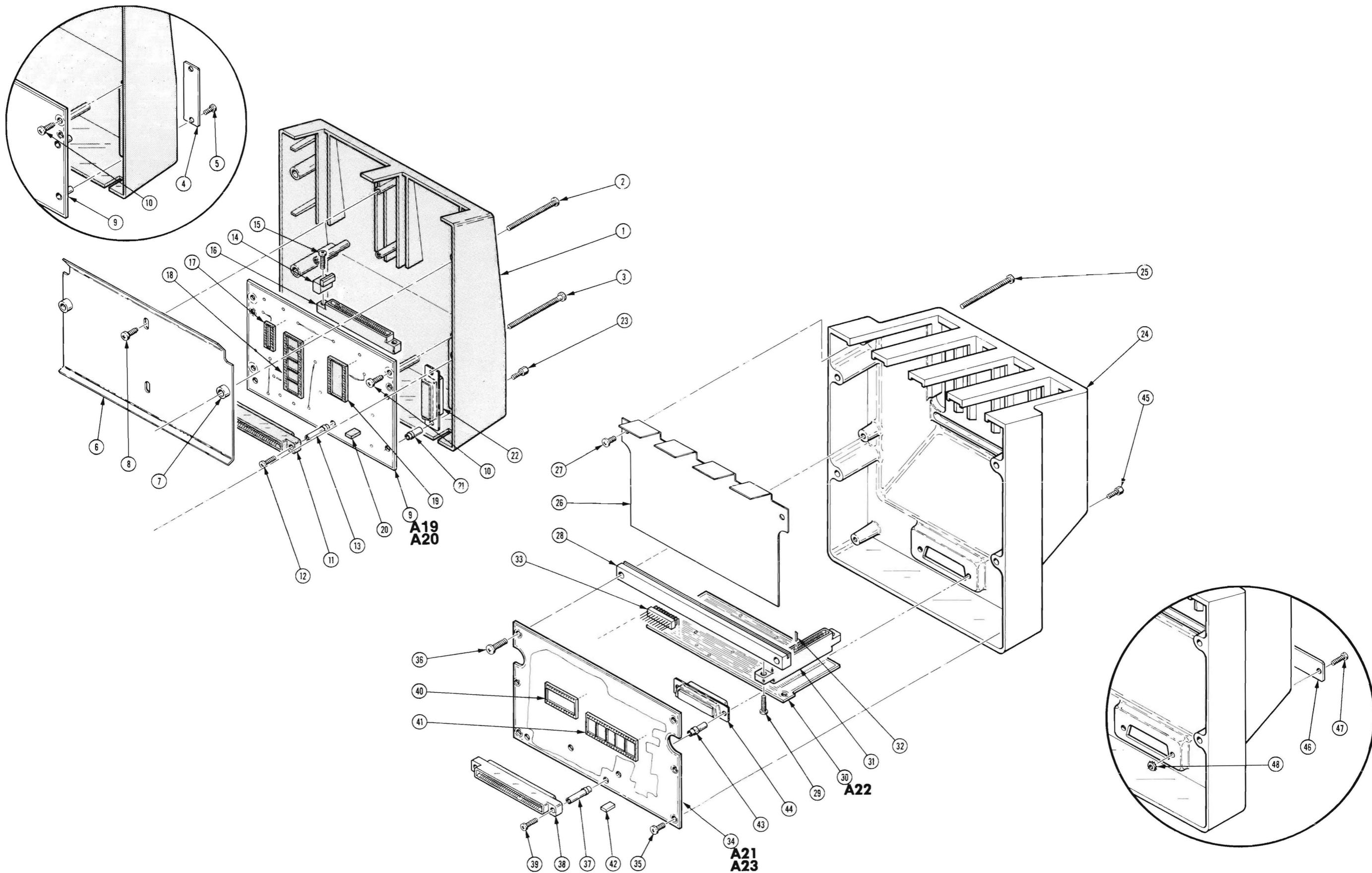
**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
7-	-----		-						HARD COPY CABLE ASSY INCLUDES:		
-39	131-0458-00		1						. CONNECTOR, RCPT: :15 PIN, FEMALE	71468	DA15S
-40	131-0707-00		3						. CONNECTOR, TERM: 22-26 AWG, BRS& CU BE GOLD	22526	47439
	131-0708-00		6						. CONTACT, ELEC: 0.48" L, 28-32 AWG WIRE	22526	47437
-41	131-2428-00		4						. CONN PLUG, ELEC: 18-20 AWG, BRS& CU BE GOLD	22526	47441
-42	352-0162-00		1						. HLDR, TERM CONN: 4 WIRE BLACK	80009	352-0162-00
-43	352-0167-00		1						. HLDR, TERM CONN: 9 WIRE BLACK	80009	352-0167-00
-44	175-0072-00		AR						. CABLE, RF: 2 CONDUCTOR	80009	175-0072-00
-45	175-0862-00		AR						. WIRE, ELECTRICAL: 3 WIRE RIBBON	08261	SS-0322-1910610C
-46	175-1020-00		AR						. CABLE, RF: 50 OHM COAX, WHT POLYTHN JKT	90484	DAB70JAAAWHITE
-47	343-0549-00		7						. STRAP, TIEDOWN: 0.091 W X 3.62 INCH LONG	59730	TY100
-48	210-0201-00		1						TERMINAL, LUG: 0.12 ID, LOCKING, BRZ TIN PL	86928	OBD
-49	214-2890-00		1						HEAT SINK, ELEC: CIRCUIT BOARD, AL (ATTACHING PARTS)	80009	214-2890-00
-50	211-0511-00		4						SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL - - - * - - -	83385	OBD
-51	-----		2						TRANSISTOR: (SEE Q5007, Q5009 REPL) (ATTACHING PARTS)		
-52	211-0097-00		2						SCREW, MACHINE: 4-40 X 0.312 INCH, PNH STL	83385	OBD
-53	210-1181-00		2						WASHER, SHLDR: 1.22 ID X 0.20D - - - * - - -	31223	OBD
-54	342-0163-00		2						INSULATOR, PLATE: XSTR, 0.675 X 0.625 X 0.001"	80009	342-0163-00
-55	407-0405-00		1						BRACKET, ANGLE: TRANSISTOR, ALUMINUM (ATTACHING PARTS)	80009	407-0405-00
-56	211-0012-00		4						SCREW, MACHINE: 4-40 X 0.375, PNH STL CD PL	83385	OBD
-57	210-0201-00		1						TERMINAL, LUG: 0.12 ID, LOCKING, BRZ TIN PL - - - * - - -	86928	OBD
-58	-----		1						MICROCIRCUIT: (SEE U5011 REPL) (ATTACHING PARTS)		
-59	211-0511-00		2						SCREW, MACHINE: 6-32 X 0.500, PNH, STL, CD PL - - - * - - -	83385	OBD
-60	386-0978-00		1						INSULATOR, PLATE: TRANSISTOR, MICA	80009	386-0978-00
-61	136-0135-01		1						SKT, PL-IN ELEK: TRANSISTOR, 2 CONT (ATTACHING PARTS)	91506	8080-1G7
-62	211-0062-00		2						SCREW, MACHINE: 2-56 X 0.312, PNH, STL - - - * - - -	83385	OBD
-63	-----		1						TRANSISTOR: (SEE Q5005 REPL) (ATTACHING PARTS)		
-64	211-0097-00		1						SCREW, MACHINE: 4-40 X 0.312 INCH, PNH STL	83385	OBD
-65	210-1181-00		1						WASHER, SHLDR: 1.22 ID X 0.20D - - - * - - -	31223	OBD
-66	342-0311-00		1						INSULATOR, PLATE: TRANSISTOR, MICA	01295	64-21-023-212
-67	343-0832-01		1						RTNR, AIR FILTER: 4.963 L X 4.75 W, ABS, TV (ATTACHING PARTS)	80009	343-0832-01
-68	211-0510-00		4						SCREW, MACHINE: 6-32 X 0.375, PNH, STL, CD PL - - - * - - -	83385	OBD
-69	378-2041-00		1						FILTER ELEM, AIR: 4.5 SQ X 0.5 THK, PU	80009	378-2041-00
-70	200-2222-00		1						GUARD, FAN: (ATTACHING PARTS)	81041	6-182-033
-71	129-0458-00		4						POST, ELEC-MECH: 6-32 X 0.25 HEX. X 0.487" L - - - * - - -	80009	129-0458-00
-72	119-1024-00		1						FAN, VENTILATING: 115V, 18W, 3100RPM, 115 CFM (ATTACHING PARTS)	82877	028316
-73	211-0540-00		4						SCREW, MACHINE: 6-32 X 0.50 INCH, TRH STL	83385	OBD
-74	385-0079-00		4						SPACER, POST: 0.375 L W/6-32 THD THRU, AL	80009	385-0079-00
-75	210-0457-00		4						NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD
-76	175-2666-00		1						CA ASSY, SP, ELEC: 2, 18 AWG, 22.0 L	80009	175-2666-00
-77	131-0945-00		2						. CONTACT, ELEC: CONNECTOR, BRASS TIN PL	27264	02-09-2101
-78	204-0827-00		1						. CONN BODY, PLUG: 2 CONT FEMALE	27264	03-09-2022
-79	131-2436-00		2						. TERM, QIK DISC: 18-22 AWG, FEMALE	00779	2-520083-2
-80	175-2203-00		AR						. CABLE, SP, ELEC: 2, 18 AWG, W/VINYL JACKET	80009	175-2203-00
-81	358-0161-00		1						BSHG, STRAIN RLF: FOR 0.50 INCH HOLE, PLASTIC	28520	1147 SR-5P-4
-82	200-2222-00		1						GUARD, FAN: (ATTACHING PARTS)	81041	6-182-033
-83	210-0457-00		4						NUT, PL, ASSEM WA: 6-32 X 0.312, STL CD PL - - - * - - -	83385	OBD

**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
7-84	200-2356-00		1						COVER,CRT END:STEEL (ATTACHING PARTS)	80009	200-2356-00
-85	210-0457-00		4						NUT,PL,ASSEM WA:6-32 X 0.312,STL CD PL - - - * - - -	83385	OBD
-86	175-2706-00		1						CA ASSY,SP,ELEC:3,22 AWG,14.0 L	80009	175-2706-00
-87	131-1790-00		21						. CONTACT,ELEC:18-24 AWG,FEMALE,BRASS	27264	08-56-0105
-88	162-0533-00		AR						. INSUL SLVG ELEC:HT SHRINK,0.25 ID	06090	RT876-1/4 ID-BLK
-89	352-0461-00		1						. HLDR,TERM. CONN:12 FEMALE,NYLON	27264	09-50-7121
-90	352-0463-00		1						. HLDR,TERM.CONN:3 FEMALE,NYLON	27264	10-01-1034
-91	204-0671-00		2						. CONN BODY,PLUG:1 X 3 CONTACTS NYLON	27264	09-50-7031
-92	175-2699-00		1						CA ASSY,SP,ELEC:50,28 AWG,19.0 L	80009	175-2699-00





REPLACEABLE MECHANICAL PARTS

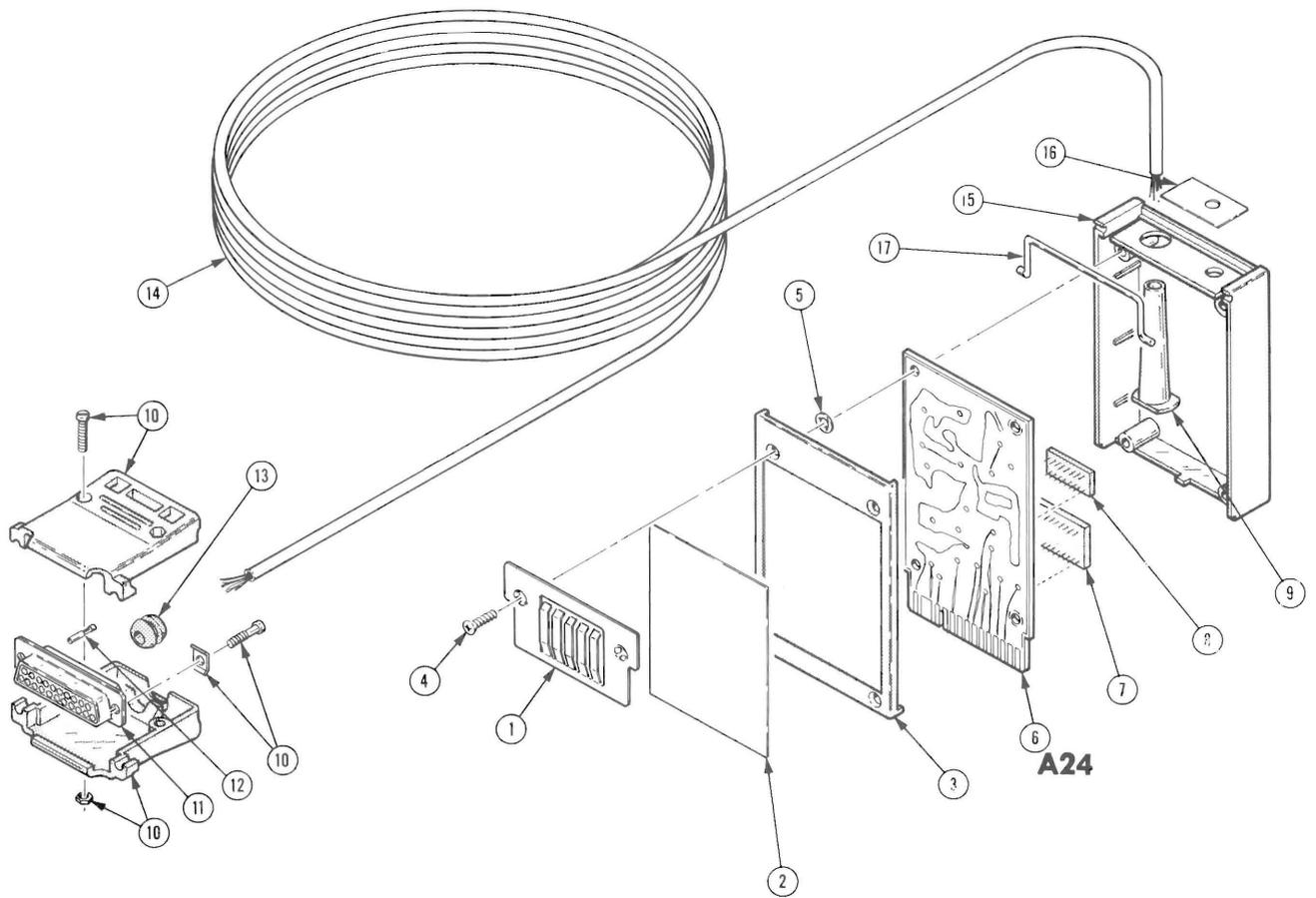
Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
8-1	200-1851-03		1		COVER, ROM PACK: PLASTIC, SILVER GRAY (ATTACHING PARTS)	80009	200-1851-03
-2	211-0530-00		2		SCREW, MACHINE: 6-32 X 1.75 INCH, PNH STL	83385	OBD
-3	211-0623-00		2		SCREW, MACHINE: 6-32 X 2.25 INCHES, PNH, STL - - - * - - -	83385	OBD
-4	200-1887-00		1		COVER, FIRMWARE: PLASTIC (STANDARD ONLY) (ATTACHING PARTS)	80009	200-1887-00
-5	211-0008-00		2		SCREW, MACHINE: 4-40 X 0.250, PNH, STL, CD PL (STANDARD ONLY) - - - * - - -	83385	OBD
-6	351-0452-01		1		GUIDE, ROM PACK: ALUMINUM	80009	351-0452-01
-7	361-1012-00		2		SPACER, SLEEVE: 0.295 L X 0.188 ID, BRASS (ATTACHING PARTS)	80009	361-1012-00
-8	213-0054-00		2		SCR, TPG, THD FOR: 6-32 X 0.312 INCH, PNH STL - - - * - - -	93907	OBD
-9	-----		1		CKT BOARD ASSY: (SEE A19, A20 REPL) (ATTACHING PARTS)		
-10	213-0054-00		2		SCR, TPG, THD FOR: 6-32 X 0.312 INCH, PNH STL - - - * - - -	93907	OBD
-11	131-1791-00		1		CONN, RCPT, ELEC: CKT BD, 25/50 CONTACT (ATTACHING PARTS)	05574	000231-3597
-12	211-0198-00		2		SCREW, MACHINE: 4-40 X 0.438 PNH, STL, POZ - - - * - - -	77250	OBD
-13	129-0248-00		2		SPACER, POST: 0.663 INCH LONG, BRS	80009	129-0248-00
-14	351-0500-00		4		GUIDE, CKT CARD: (ATTACHING PARTS)	80009	351-0500-00
-15	211-0198-00		4		SCREW, MACHINE: 4-40 X 0.438 PNH, STL, POZ - - - * - - -	77250	OBD
-16	131-1909-00		2		CONN, RCPT, ELEC: CKT CD, 22/44 CONT W/4-40	05574	600261-3201
-17	136-0260-02		1		SKT, PL-IN ELEK: MICROCIRCUIT, 16 DIP, LOW CLE - . (OPTION 01 ONLY)	71785	133-51-92-008
-18	136-0623-00		1		SOCKET, PLUG-IN: 40 DIP, LOW PROFILE - . (OPTION 01 ONLY)	73803	CS9002-40
-19	136-0578-00		1		SKT, PL-IN ELEK: MICROCKT, 24 PIN, LOW PROFILE - . (OPTION 01 ONLY)	73803	C S9002-24
-20	131-0993-00		3		BUS, CONDUCTOR: 2 WIRE BLACK - . (OPTION 01 ONLY)	00779	850100-01
-21	129-0112-00		2		SPACER, POST: 0.406 L FROM MT SEAT X 0.218 - . (OPTION 01 ONLY)	80009	129-0112-00
-22	131-1437-00		1		CONN, RCPT, ELEC: 25 FEMALE CONTACT - . (OPTION 01 ONLY)	71468	DB25S-F179
-23	131-0890-00		2		LOCK, CONNECTOR: 4-40 X 0.312 L	71468	D 20418-2
	334-2788-01		1		OVERLAY, KYBD: MARKED DATA COMMUNICATION - (OPTION 01 ONLY)	80009	334-2788-01
	175-1778-01		1		CA ASSY, SP, ELEC: 34, 28 AWG, 2.5L - (OPTION 01 ONLY)	80009	175-1778-01
-24	200-2414-01		1		COVER, ROM PACKS: 4 POSITION, TEK TAN - (OPTION 02 ONLY)	80009	200-2414-01
	200-2414-01		1		COVER, ROM PACKS: 4 POSITION, TEK TAN - (OPTION 03 ONLY) (ATTACHING PARTS)	80009	200-2414-01
-25	211-0530-00		4		SCREW, MACHINE: 6-32 X 1.75 INCH, PNH STL - - - * - - -	83385	OBD
-26	351-0609-00		1		GUIDE, ROM PACK: ALUMINUM (ATTACHING PARTS)	80009	351-0609-00
-27	211-0504-00		2		SCREW, MACHINE: 6-32 X 0.25 INCH, PNH STL - - - * - - -	83385	OBD
-28	381-0420-00		1		BAR, SUPPORT: CONNECTOR (ATTACHING PARTS)	80009	381-0420-00
-29	211-0198-00		4		SCREW, MACHINE: 4-40 X 0.438 PNH, STL, POZ - - - * - - -	77250	OBD
-30	-----		1		CKT BOARD ASSY: (SEE A22 REPL)		
-31	131-1757-01		4		CONN, RCPT, ELEC: CKT BD, 22/44 CONT	05574	3VH22/1JND5
-32	214-3005-00		4		KEY, CONN PLZN: NYLON	80009	214-3005-00

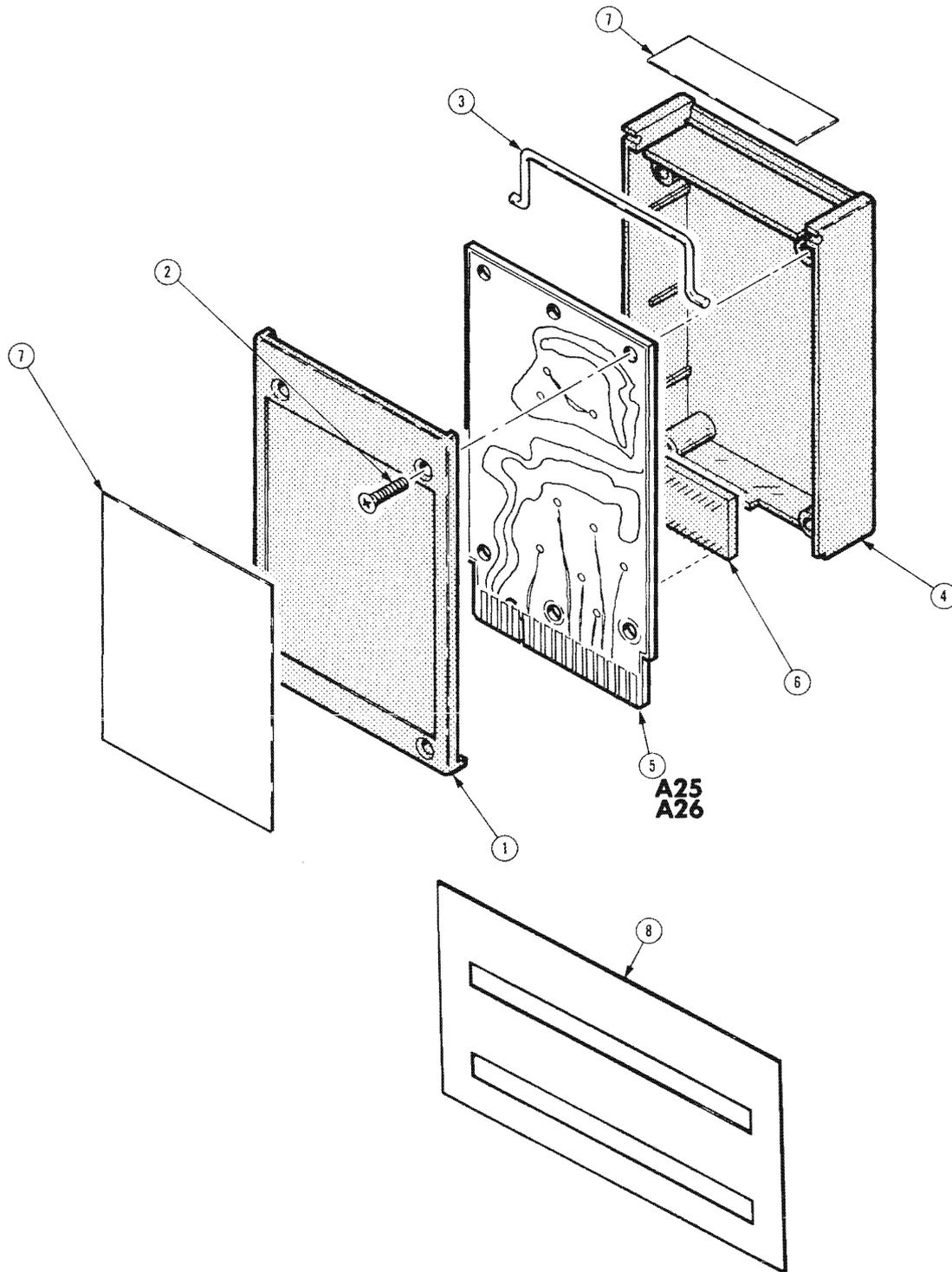
**REPLACEABLE MECHANICAL PARTS**

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
8-33	131-2514-00		3	.	CONN,RCPT,ELEC:CKT BD,2 X 10,MALE					00779	86479-1
-34	-----		1		CKT BOARD ASSY:(SEE A21,A23 REPL)				(ATTACHING PARTS)		
-35	211-0504-00		2		SCREW,MACHINE:6-32 X 0.25 INCH,PNH STL					83385	OBD
-36	211-0551-00		2		SCREW,MACHINE:6-32 X 0.562 INCH,PNH STL					83385	OBD
					- - - * - - -						
-37	129-0248-00		2	.	SPACER,POST:0.663 INCH LONG,BRS					80009	129-0248-00
-38	131-1791-00		1	.	CONN,RCPT,ELEC:CKT BD,25/50 CONTACT				(ATTACHING PARTS)	05574	000231-3597
-39	211-0198-00		2	.	SCREW,MACHINE:4-40 X 0.438 PNH,STL,POZ					77250	OBD
					- - - * - - -						
-40	136-0269-02		1	.	SKT,PL-IN ELEK:MICROCIRCUIT,14 DIP,LOW CLE					73803	CS9002-14
	-----		-		(OPTION 03 ONLY)						
-41	-----		1	.	SOCKET,PLUG-IN-40 DIP,LOW PROFILE						
	-----		-		(OPTION 03 ONLY)						
-42	131-0993-00		3	.	BUS,CONDUCTOR:2 WIRE BLACK					00779	850100-01
	-----		-		(OPTION 03 ONLY)						
-43	129-0561-00		2	.	SPACER,POST:0.535 L,W-4-40 INTL ONE END					80009	129-0561-00
	-----		-		(OPTION 03 ONLY)						
-44	131-1437-00		1	.	CONN,RCPT,ELEC:25 FEMALE CONTACT					71468	DB25S-F179
	-----		-		(OPTION 03 ONLY)						
-45	131-0890-00		2		LOCK,CONNECTOR:4-40 X 0.312 L					71468	D 20418-2
	-----		-		(OPTION 03 ONLY)						
-46	200-1887-00		1		COVER,FIRMWARE:PLASTIC					80009	200-1887-00
	-----		-		(OPTION 02 ONLY)						
					(ATTACHING PARTS)						
-47	211-0097-00		2		SCREW,MACHINE:4-40 X 0.312 INCH,PNH STL					83385	OBD
	-----		-		(OPTION 02 ONLY)						
-48	210-0586-00		2		NUT,PL,ASSEM WA:4-40 X 0.25,STL CD PL					83385	OBD
	-----		-		(OPTION 02 ONLY)						
					- - - * - - -						
					OPTION 02 STANDARD ACCESSORIES						
	070-2066-01		1		MANUAL,TECH:OPERATORS					80009	070-2066-01
					OPTION 1,3 STANDARD ACCESSORIES						
	012-0689-02		1		CABLE,INTCON:192.0 L						
	013-0173-01		1		ADAPTER ASSY:SELF TEST					80009	013-0173-01
	070-2066-01		1		MANUAL,TECH:OPERATORS					80009	070-2066-01

REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1 2 3 4 5	Name & Description	Mfr Code	Mfr Part Number
9-1	131-2442-00		1		CONTACT, ELEC: GROUNDING, PH BRZ	80009	131-2442-00
-2	334-3693-00		1		MARKER, IDENT: MKD RS232 PRINTER	80009	334-3693-00
-3	380-0384-01		1		HSG HALF, ROM PK: LID, ABS (ATTACHING PARTS)	80009	380-0384-01
-4	211-0102-00		4		SCREW, MACHINE: 4-40 X 0.500", FLH, STL - - - * - - -	83385	OBD
-5	210-1333-00		2		WASHER, FLAT: 0.09 ID X 0.007 THK, CU BE	80009	210-1333-00
-6	-----		1		CKT BOARD ASSY: (SEE A24 REPL)		
-7	156-0578-00		2		. MICROCIRCUIT, DI: DUAL 1 SHOT MULTIVIBRATOR	80009	156-0578-00
-8	136-0260-02		1		. SKT, PL-IN ELEK: MICROCIRCUIT, 16 DIP, LOW CLE	71785	133-51-92-008
-9	200-1042-03		1		. CABLE NIP, ELEC: 0.194 ID, 2.0 L, PLASTIC	80009	200-1042-03
	175-2430-00		1		. CA ASSY, SP, ELEC: 7, 26 AWG, 3 METERS	80009	175-2430-00
-10	200-1667-00		1		. . SHLD ELEC CONN: 25 CONTACT, TYPE HD SIZE 3	80009	200-1667-00
-11	131-1461-00		1		. . CONN BODY, RCPT: 25 FEMALE CONTACTS	00779	205207-1
-12	131-1279-00		8		. . CONTACT, ELEC: MALE, 28-24 AWG WIRE, 0.040 DIA	00779	205310-4
-13	348-0020-00		1		. . GROMMET, RUBBER: 0.25 INCH	70485	374
-14	175-1747-00		AR		. . CABLE, SP, ELEC: 7, 26 AWG, 0.165 DIA	80009	175-1747-00
-15	380-0343-03		1		. HSG HALF, PTR: INNER, ABS	80009	380-0343-03
-16	334-3638-00		1		. MARKER, IDENT: MARKED BAUD RATE	80009	334-3638-00
-17	367-0189-00		1		HANDLE, BOW: 2.62 L, SST	91260	OBD
					OPTION 10 STANDARD ACCESSORIES		
	070-2908-00		1		MANUAL, TECH: INSTRUCTION	80009	070-2908-00





REPLACEABLE MECHANICAL PARTS

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
10-1	380-0384-01		1						HSG HALF, ROM PK:LID, ABS (ATTACHING PARTS)	80009	380-0384-01
-2	211-0102-00		4						SCREW, MACHINE: 4-40 X 0.500", FLH, STL - - - * - - -	83385	OBD
-3	367-0189-00		1						HANDLE, BOW: 2.62 L, SST	91260	OBD
-4	380-0343-01		1						HSG HALF, PTR: INNER, ABS	80009	380-0343-01
-5	-----		1						CKT BOARD ASSY: (SEE A25, A26 REPL)		
-6	136-0578-00		1						. SKT, PL-IN ELEK: MICROCKT, 24 PIN, LOW PROFILE	73803	C S9002-24
-7	-----		1						MKR, SET, IDENT:		
-8	334-2954-01		5						OVERLAY, KYBD: MARKED EDITORROM PACK (4052R06 ONLY)	80009	334-2954-01
	-----		-								

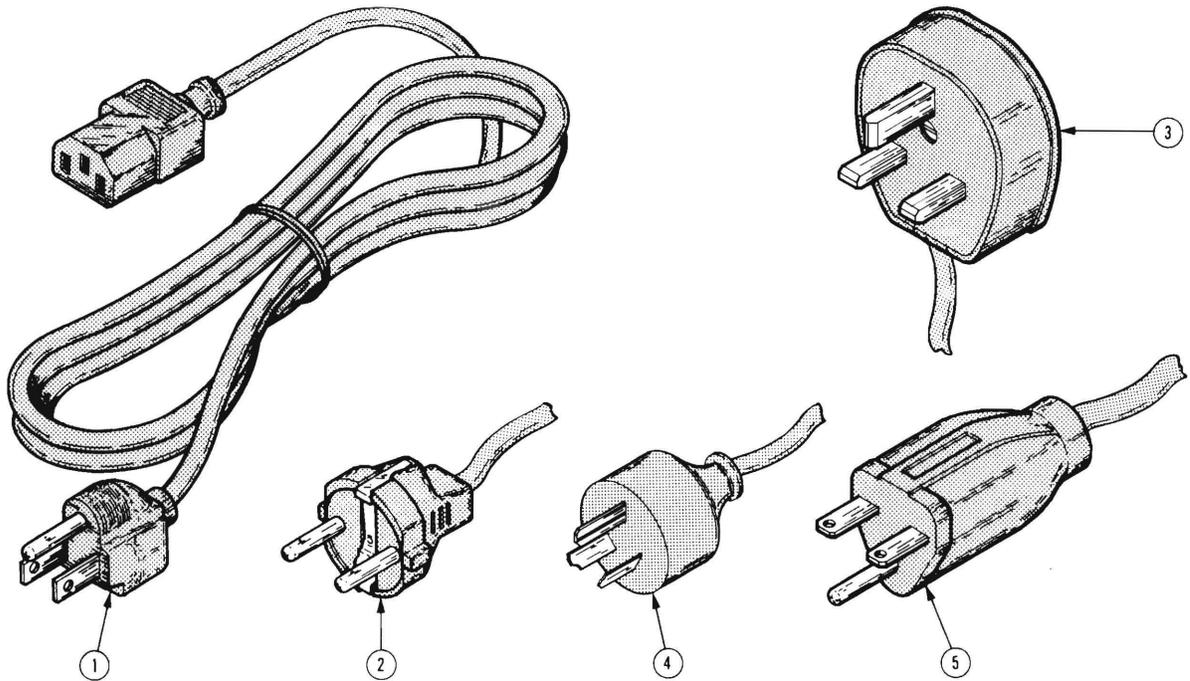


Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Number
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STANDARD ACCESSORIES

11-1	161-0066-00		1						CABLE ASSY,PWR,:3 WIRE,98 INCH LONG	80009	161-0066-00
-2	161-0066-09		1						CABLE ASSY,PWR:3,0.75MM SQ,220V,96.0 L (OPTION A1 - EUROPEAN)	80126	OBD
-3	161-0066-10		1						CABLE ASSY,PWR:3,0.75MM SQ,220V,96.0 L (OPTION A2 - UNITED KINGDOM)	80126	OBD
-4	161-0066-11		1						CABLE ASSY,PWR:3,0.75MM,240V,96.0 L (OPTION A3 - AUSTRALIAN)	80126	OBD
-5	161-0066-12		1						CABLE ASSY,PWR:3,18 AWG,240V,96.0 L (OPTION A4 - NORTH AMERICAN)	80126	OBD
	020-0160-02		1						TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0160-02
	020-0160-03		1						TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0160-03
	020-0161-02		1						TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0161-02
	020-0161-03		1						TAPE CARTRIDGE:PLOT 50 SYSTEM SOFTWARE	80009	020-0161-03
	016-0353-00		1						BRD,LOOSE-LEAF:2.0 CAP RING,VINYL COVER	80009	016-0353-00
	016-0367-00		1						BDR,LOOSE-LEAF:2.0 CAP RING,VINYL COVER	80009	016-0367-00
	016-0369-00		1						DIV,LOOSE LEAF:6 OVERLAY POCKETS,VINYL	80009	016-0369-00
	334-3571-00		1						MARKER,IDENT:MARKED OPERATORS MANUAL	80009	334-3571-00
	334-3572-00		1						MARKER,IDENT:MARKED REFERENCE MANUAL	80009	334-3572-00
			1						OVERLAY,KYBD:BLANK		
	070-1940-01		1						MANUAL,TECH:OPERATORS 4050 SERIES	80009	070-1940-01
	070-2056-01		1						MANUAL,TECH:REFERENCE 4050 SERIES	80009	070-2056-01
	070-2142-02		1						CARD INFO:REFERENCE 4050 SERIES	80009	070-2142-02
	070-2058-01		1						MANUAL,TECH:INSTRUCTION PLOT 50	80009	070-2058-01
	070-2059-01		1						MANUAL,TECH:INSTRUCTION PLOT 50	80009	070-2059-01

OPTIONAL ACCESSORIES

012-0630-01			1						CABLE,INTCON:2 METERS LONG	74868	AC30111102 REVC
119-0680-01			1						CARTRIDGE,TAPE:MAGNETIC	80009	119-0680-01
334-2630-02			1						OVERLAY,KYBD:BLANK,PACKAGE OF TEN	80009	334-2630-02
070-2839-03			1						MANUAL,TECH:SERVICE,4054	80009	070-2839-03

OPTIONS

OPT	ORDER NO.	DESCRIPTION
01	4052F01	FLD INSTL INTFC:DATA COMMUNICATION
02	4052F02	FIELD INSTALLED:4 SLOT ROM BACKPACK
03	4052F03	FLD INSTL INTFC:DATA COMM 4 SLOT
10	4052F10	FLD INSTL INTFC:RS232 PRINTER
24	040-0895-00	MOD KIT:MEMORY EXPANSION
27		EXTENDED MEMORY:256k
28		EXTENDED MEMORY:512k
A1		UNIVERSAL EUROPEAN POWER
A2		240V UK POWER
A3		240V AUSTRALIAN POWER
A4		240V NORTH AMERICAN POWER