

TITLE	ASYNCHRONOUS LINE INTERFACE	SIZE CODE	B DD	NUMBER	DLH - 0	REV	C
	SHEET 2 OF 3						

CUSTOMER  
PRINT SET

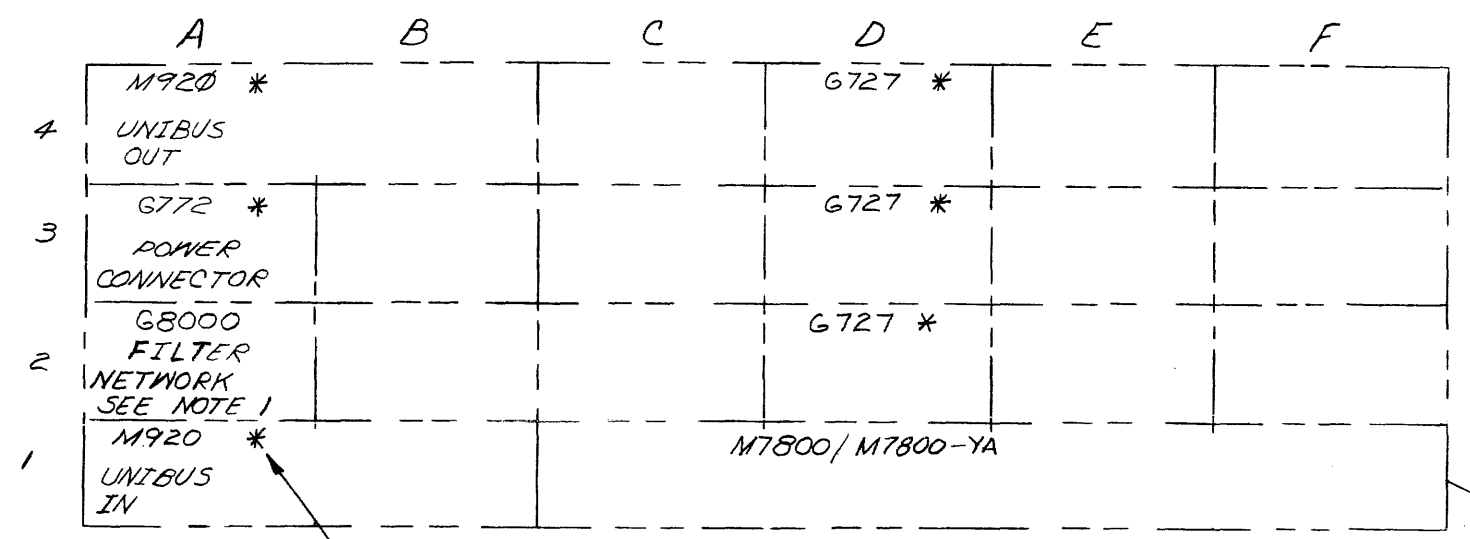
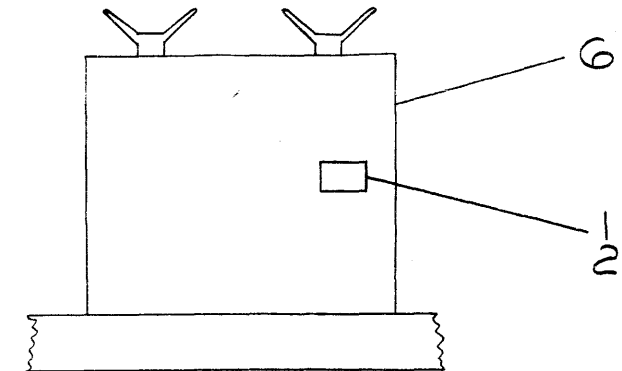
PRINT SET

MECHANICAL

DL11-1	DL11-2	DL11-3	DEPT	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.	DL11-1	DL11-2	DL11-3	DEPT	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.		
X	X	X		1.	C-UA-DL11-0-0	B	1	ASYNCHRONOUS LINE INTERFACE						1.	C-UA-DL11-0-0	B	1	ASYNCHRONOUS LINE INTERFACE			
X	X	X			A-PL-DL11-0-0	B	1	ASYNCHRONOUS LINE INTERFACE (PL)							A-PL-DL11-0-0	B	1	ASYNCHRONOUS LINE INTERFACE (PL)			
	X	X			D-UA-BC05C-0-0	#	1	CABEE, MODEM, BC05C							D-UA-BC05C-0-0		1	CABLE, MODEM BC05C			
X		X			D-IA-7008360-0-0	#	1	CABLE, ASSEMBLY (KLB/E)							D-IA-7008360-0-0		1	CABLE ASSEMBLY (KLB/E)			
					A-SP-DL11-0-1	*	11	ENGINEERING SPECIFICATION													
					A-SP-DL11-0-2	*	8	INSTALLATION PROCEDURE													
					A-SP-DL11-0-3	A	7	TEST PROCEDURE													
X	X				A-SL-DL11-0-4	*	1	SOFTWARE LIST													
X	X				A-AL-DL11-0-5	A	1	ACCESSORY LIST													
				2.	C-IA-5408776-0-0		1	PRIORITY JUMPER LEVEL #4						2.	C-IA-5408776-0-0		1	PRIORITY JUMPER LEVEL #4			
					B-CS-5408776-0-1		1	CIRCUIT SCHEMATIC							K-CO-5408776-0-4		1	X-Y COORDINATE HOLE LOC			
					K-CO-5408776-0-4		1	X-Y COORDINATE HOLE LOC							B-MH-5408776-0-6		1	ASSY/DRILLING HOLE LAYOUT			
					B-MH-5408776-0-6		1	MODULE ECO HISTORY													
				3.	C-AH-5408776-0-5		1	ASSY/DRILLING HOLE LAYOUT						3.	D-IA-5008775-0-0		1	ETCH BOARD			
															C-AH-5408776-0-5		1	ASSY/DRILLING HOLE LAYOUT			
X				4	E-CS-M7800-YA-1	#	6	ASYNCHRONOUS LINE INTERFACE													
					K-CO-M7800-YA-4		1	X-Y COORDINATE HOLE LOCATION													
					D-AH-M7800-YA-5		1	ASSY DRILLING HOLE LAYOUT													
					B-MH-M7800-YA-6		1	MODULE ECO HISTORY													
	X	X		6.	D-CS-H315-0-1	#	1	MODEM TEST CONN						6.	D-CS-H315-0-1		1	MODEM TEST CONN			
					K-CO-H315-0-4		1	X-Y COORDINATE HOLE LOC							K-CO-H315-0-4		1	X-Y COORDINATE HOLE LOC			
					D-AH-H315-0-5		1	ASSY DRILLING HOLE LAYOUT							C-AH-H315-0-5		1	ASSY/DRILLING HOLE LAYOUT			
					B-MH-H315-0-6		1	MODULE ECO HISTORY							B-MH-H315-0-6		1	MODULE ECO HISTORY			
X	X	X		7.	E-CS-M7800-0-1	#	7	ASYNCHRONOUS LINE INTERFACE						7.	E-CS-M7800-0-1		7	ASYNCHRONOUS LINE INTERFACE			
					K-CO-M7800-0-4		1	X-Y COORDINATE HOLE LOC							K-CO-M7800-0-4		1	X-Y COORDINATE HOLE LOC			
					D-AH-M7800-0-5		1	ASSY/DRILLING HOLE LAYOUT							D-AH-M7800-0-5		1	ASSY/DRILLING HOLE LAYOUT			
					B-MH-M7800-0-6		1	MODULE ECO HISTORY							B-MH-M7800-0-6		1	MODULE ECO HISTORY			
	X			8.	A-PL-G8000-0-0		1	FILTER NETWORK						8.	A-PL-G8000-0-0		1	FILTER NETWORK			
					B-CS-G8000-0-1	#	1	CIRCUIT SCHEMATIC							K-CO-G8000-0-4		1	X-Y COORDINATE HOLE LOC			
					K-CO-G8000-0-4		1	X-Y COORDINATE HOLE LOC							C-AH-G8000-0-5		1	ASSY/DRILLING HOLE LAYOUT			
					C-AH-G8000-0-5		1	ASSY/DRILLING HOLE LAYOUT							B-MH-G8000-0-6		1	MODULE ECO HISTORY			
					B-MH-G8000-0-6		1	MODULE ECO HISTORY													
										TITLE		ASYNCHRONOUS LINE INTERFACE				SIZE CODE		NUMBER		REV	
										SHEET 3 of 3		B DD		DL11-0		C					

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NOTES:  
 1. G 8000 IS REQUIRED ONLY IN PDP 11 SYSTEMS WHERE +15V IS NOT AVAILABLE. THE INSTALLATION REQUIRES 2 WIRES TO BE ADDED. A03V2-A02U2 A02N2-CXXUI WHERE (XX) IS THE SLOT NUMBER CONTAINING THE DL11.  
 2. ITEMS INDICATED WITH ASTERICK (\*) ARE SHOWN FOR REFERENCE ONLY AND ARE NOT PART OF THIS UNIT.



SEE NOTE 2

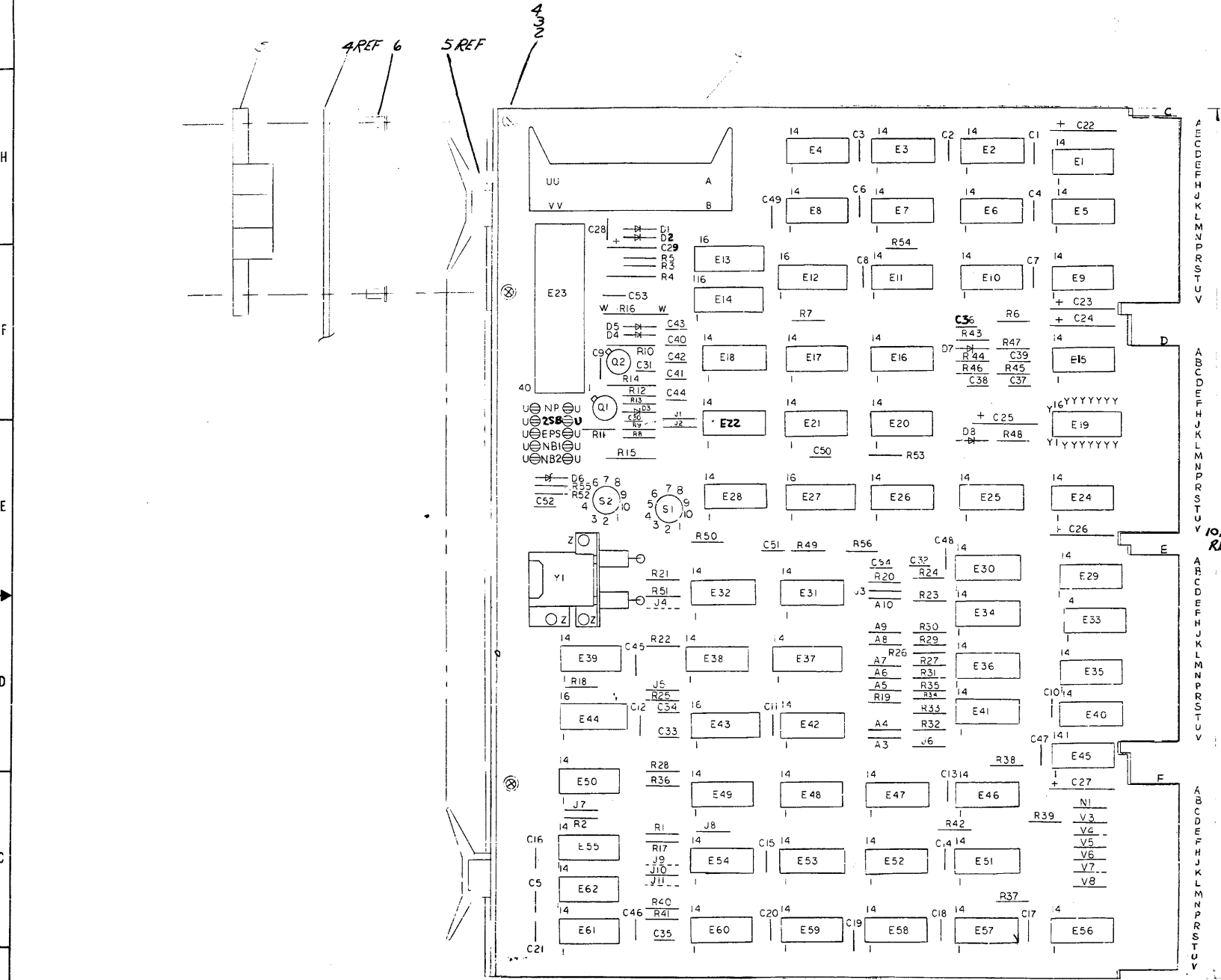
REV. A	
CHG	NO.
P.M.	DL11-00001
M. J.	DL11-00002
F. J.	DL11-00003
P. J.	DL11-00004
P. J.	DL11-00005

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP-11		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. M. Rine	DATE 7/18/72	<b>digital</b> EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS TITLE <b>ASYNCHRONOUS LINE INTERFACE</b>
DECIMALS .XXX = .005	ANGLES ±0° 30'	CHK'D. J. F. Janson	DATE 4-29-72	
.XX = .02		ENG. P. E. Janson	DATE 5-11-72	
.X = .1		PROJ. ENG. P. E. Janson	DATE 5-11-72	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. J. M. Janson	DATE 5-15-72	
MATERIAL + + +		NEXT HIGHER ASSY.	B-DD-DL11-Ø	SIZE CODE C UA
FINISH + + +		SCALE NONE		NUMBER DL11-Ø-Ø
		SHEET OF		REV. B

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS <b>PARTS LIST</b>			QUANTITY / VARIATION																	
MADE BY M. PIERCE		CHECKED J. FERGUSON	SECTION		DL11-A	DL11-B	DL11-C	DL11-D	DL11-E											
DATE 4/27/72		DATE 4/27/72	1																	
ENG P. E. Johnson		PROD J. McLaughlin	ISSUED SECT.																	
DATE 5/11/72		DATE 5/15/72	1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																		
1	C-IA-5408776-0-0	PRIORITY JUMPER LEVEL #4		1	1	1	1	1												
2	C-IA-5408778-0-0	PRIORITY JUMPER LEVEL #5		-	-	-	-	-												
3	D-UA-BC05C-25	CABLE, MODEM BC05C		-	1	-	1	1												
4	D-IA-7008360-0-0	CABLE ASSEMBLY (KL8E)		1	-	1	-	-												
5	D-CS-H315-0-1	MODEM TEST CONNECTOR		-	-	-	-	A/R	See Note 2											
6	E-CS-M7800-0-1	ASYNCHRONOUS LINE INTERFACE		-	1	-	1	1												
7	A-PL-G8000-0-0	FILTER NETWORK		-	A/R	-	A/R	A/R	See Note 1											
8		CRYSTAL		A/R	A/R	A/R	A/R	A/R	See Note 3											
9	E-CS-M7800-YA-1	ASYNCHRONOUS LINE INTERFACE		1	-	1	-	-												
	NOTES:	1.	G8000 IS REQUIRED ONLY IN PDP 11 SYSTEMS WHERE +15V IS NOT AVAILABLE. ONE PER DL11-A.																	
		2.	ONE H315 PER PDP11 SYSTEM																	
		3.	CRYSTAL FREQUENCY DEFINED BY CUSTOMER SPECIFIED BAUD RATE																	
TITLE			ASSY NO.	SIZE	CODE	NUMBER		REV.	ECO NO.											
ASYNCHRONOUS LINE INTERFACE			C-UA-DL11-0-0	A	PL	DL11-0-0		B	DL11-00002											
			SHEET 1 OF 1	DIST.	G															

Pin locations and specifications. Refer to the Data Sheet of the Equipment Corporation and Data Sheet for the component or use the pin locations and specifications for the manufacturer or use of data without further permission.

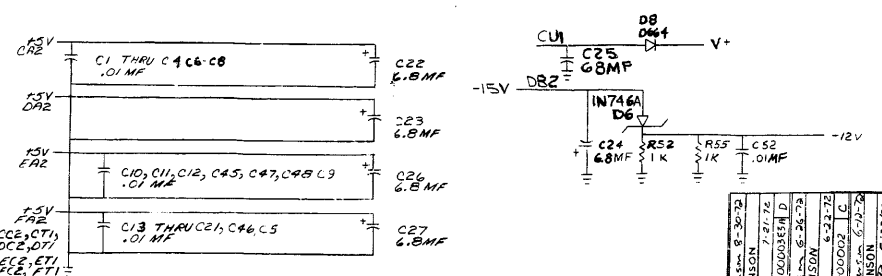
NOTES:  
 1) PIN NOTATION THROUGHOUT IS ORDERED UPON MODULE PLACEMENT IN THE SYSTEM UNIT MODULE REFERENCE ALONE IS OBTAINED BY CONVERTING THE FIRST LETTER ACCORDING TO THE PIN NOMENCLATURE CHART AT THE LEFT.  
 2) JUMPERS TO BE USED AT CONNECTIONS A3-A10, J1-J10 V3-V8, AND N1.  
 3) LETTERS ENCLOSED IN PARENTHESIS REFER TO PINS ON THE BERG CONNECTOR.  
 EXAMPLE: (X1).



PIN NOMENCLATURE  
 MODULE SYSTEM UNIT

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	E27	IC DEC 74161	1910550	70
3		NUT KEP 5/16	9006535	63
3		SCR PHL PAN HD 256XV16	10006001	64
2		AUGAT 8000 PG-1	1202812	67
7	D1-D5, D7-D8	DIODE 1N74 20V 100MA	1100114	65
1	D6	DIODE 1N74 20V 100MA	1104860	65
1	Q1, Q2	TR ANISISTOR 65 34D	1503404-00	64
2	C1, C2	CAP 100PF 100V 5% DIPPED MICA	1000016	63
1	C3	CAP 500PF 100V 5% DIPPED MICA	1000015	63
1	C4	CAP 500PF 100V 5% DIPPED MICA	1000015	63
2	C50, C51	CAP 0.47MF CERAMIC	1000678	61
1	C36	CAP 220PF 100V 5% DIPPED MICA	1000021	60
2	C34, C35	CAP 330PF 100V 5% DIPPED MICA	1000023	59
9	C32, C37, C44	CAP 100PF 100V 5% DIPPED MICA	1000024	58
1	C31	CAP 100PF 100V 5% DIPPED MICA	1000024	57
22	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59	CAP 100V 20% TANT	1000965	55
1	C29	CAP 100V 20% TANT	1000965	55
6	C22-C27	CAP 6.8UF 35V 20% TANT	1000067	56
1	C33	CAP 100PF 100V 5% DIPPED MICA	1000019	63
2	R14, R15	RES 1.5K 1/4W 5%	1300394	57
2	R32, R33, R34, R35, R36, R37, R38	RES 1K 1/4W 5%	1300395	57
1	R41	RES 47.1K 1/4W 5%	1300302	56
1	R10	RES 68.1K 1/4W 5%	1300220	59
1	R5	RES 82.1K 1/4W 5%	1301477	58
4	R2, R3, R4, R7, R8, R9	RES 100.1K 1/4W 5%	1300229	47
1	R11	RES 130.1K 1/4W 5%	1300350	56
1	R12	RES 180.1K 1/4W 5%	1301538	57
1	R13	RES 220.1K 1/4W 5%	1300271	54
1	R39	RES 390.1K 1/4W 5%	1300309	53
4	R7, R13, R43, R51	RES 470.1K 1/4W 5%	1300376	42
1	R4	RES 560.1K 1/4W 5%	1300338	40
1	R5	RES 750.1K 1/4W 5%	1303495	40
1	R16	RES 1.5M 1/4W 5%	1302385	59
27	R1, R2, R6, R7, R17-R23, R25, R27-R31, R39, R49, R50, R51, R52, R53, R54, R55, R56	RES 1K 1/4W 5%	1300479	54
2	R32, R33	RES 1.5K 1/4W 5%	1300394	57
1	E23	IC DEC 74147	1910939	30
4	E32, E33, E41, E42	IC DEC 7474	1903547	33
3	E15, E36, E41	IC DEC 8242	1909712	34
3	E3, E49, E59	IC DEC 7408	1910133	35
2	E18, E21	IC MC 7487	1910323	32
2	E20, E25	IC DEC 7480	1909057	31
11	E12, E13, E7-E9, E11, E30, E47, E54, E56	IC DEC 6887	1909705	30
1	E22	IC MC 7488	1910322	29
1	E43	IC DEC 74123	1910436	28
3	E28, E29, E52	IC DEC 74114	1909667	27
3	E45, E39, E58	IC DEC 74100	1909704	26
1	E10	IC DEC 7413	1909989	25
2	E50, E53	IC DEC 7402	1909004	24
8	E3, E4, E33, E35, E43, E45, E46, E28	IC DEC 380	1909483	23
1	E2	IC DEC 74123	1910437	22
1	E20	IC DEC 74104	1909951	21
1	E25	IC DEC 7492	1909053	20
5	E6, E16, E17, E38, E39	IC DEC 7404	1909686	19
1	E24	IC DEC 7493	1909054	18
1	E34	IC DEC 7410	1903376	17
1	E29	IC DEC 314	1909704	16
1	E37	IC DEC 7442	1900064	15
1	E44	IC DEC 8271	1909415	14
2	E19, E14	IC DEC 74173	1910651	13
1		BRACKET, CRYSTAL HOLDER	3302823	12
1		BRACKET, CRYSTAL HOLDER	3303134	10
1	E19	IC SOCKET	1909704	11
1	S1, S2	SWITCH, SINGLE POLE, 10 POS	1210042-1	9
1		40 PIN CONNECTOR BERG	1209941	8
10		SPLIT LOGS	9001735	7
8		CRYLET #GSW-7 E.B. SIMMONSON	9002732	6
2		HANDLE, P1/P2, C14, MARGITTA	9002332	5
2		ETCHED CIRCUIT BOARD	9002337-06	4
2		MODULE ECO HISTORY	8-MIN-7500-B-4-3	3
2		ASSY/DRILLING HOLE LAYOUT	8-24-M7500-B-4-2	2
2		KEY COORDINATE HOLE	8-25-M7500-B-4	1

IC TYPE	8	7	6	5	4	3	2	1
DEC 74161	8	16	-	-	-	-	-	-
DEC 7480	7	-	14	-	-	-	-	-
DEC 74147	3	1	-	-	-	-	-	2
DEC 74173	8	16	-	-	-	-	-	-
DEC 8271	8	16	-	-	-	-	-	-
DEC 7412	8	16	-	-	-	-	-	-
DEC 314	7	8	-	-	-	-	-	-
DEC 7493	10	5	-	-	-	-	-	-
DEC 7492	10	3	-	-	-	-	-	-
DEC 74153	8	16	-	-	-	-	-	-
DEC 380	7	8	-	-	-	-	-	-
DEC 7490	10	5	-	-	-	-	-	-
DEC 74123	8	16	-	-	-	-	-	-
IC TYPE	GND	+5V	-	-	-	-	-	-12V



DATE	BY	REVISION
7-27-74	JANSON	1
8-26-74	JANSON	2
9-26-74	JANSON	3
10-26-74	JANSON	4
11-26-74	JANSON	5
12-26-74	JANSON	6
1-26-75	JANSON	7
2-26-75	JANSON	8
3-26-75	JANSON	9
4-26-75	JANSON	10
5-26-75	JANSON	11
6-26-75	JANSON	12
7-26-75	JANSON	13
8-26-75	JANSON	14
9-26-75	JANSON	15
10-26-75	JANSON	16
11-26-75	JANSON	17
12-26-75	JANSON	18
1-26-76	JANSON	19
2-26-76	JANSON	20
3-26-76	JANSON	21
4-26-76	JANSON	22
5-26-76	JANSON	23
6-26-76	JANSON	24
7-26-76	JANSON	25
8-26-76	JANSON	26
9-26-76	JANSON	27
10-26-76	JANSON	28
11-26-76	JANSON	29
12-26-76	JANSON	30

DEC NO.	EIA NO.	DEC NO.	EIA NO.
6534D	MP56539		
1N74GA	1N4M3.3A2		
D664	1N3606		

SEMICONDUCTOR CONVERSION CHART

ETCH BOARD REV E

DATE: 12/27/76

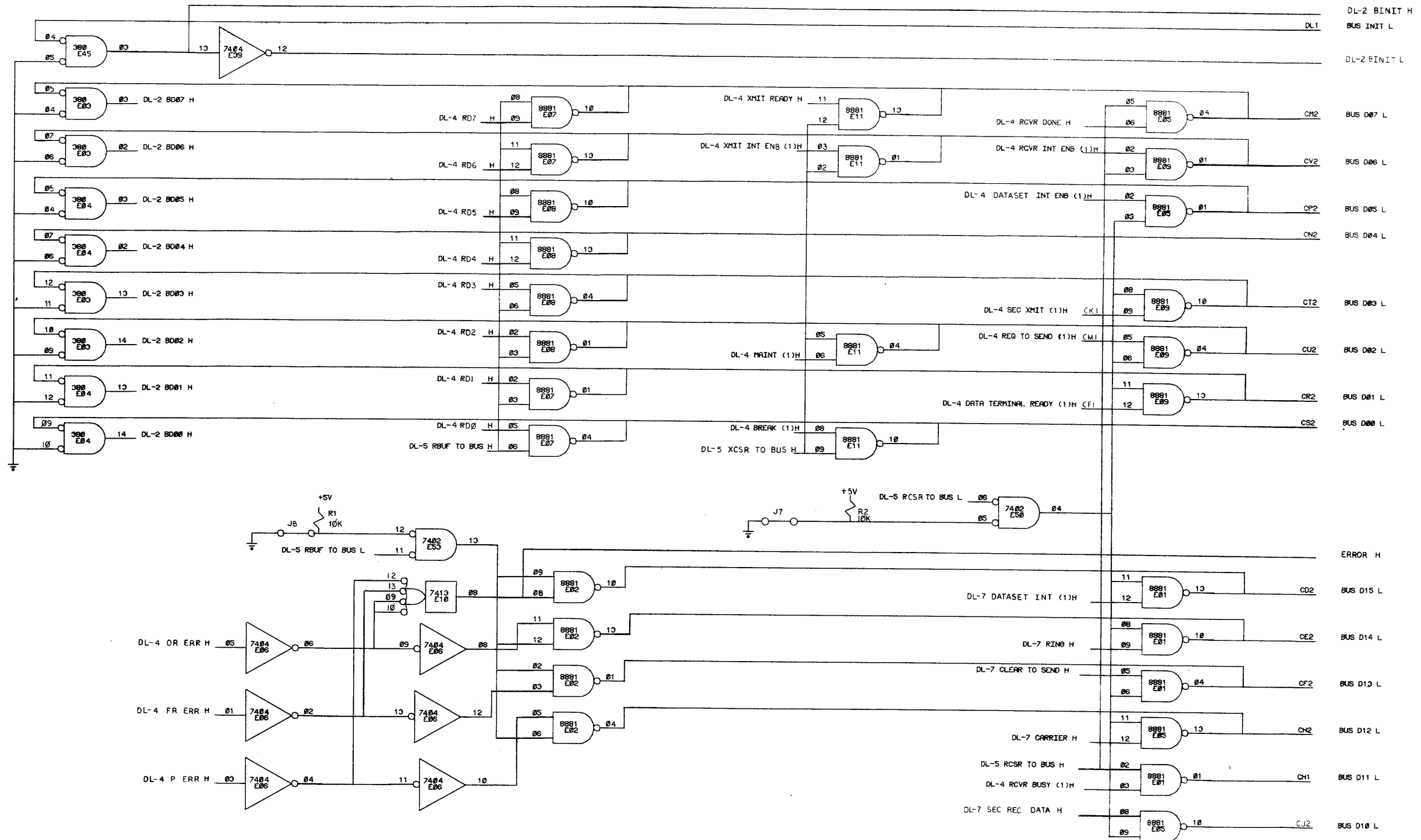
BY: J. J. JANSON

TITLE: ASYNCHRONOUS LINE INTERFACE

SCALE: 1/8" = 1"

SHEET 1 OF 2

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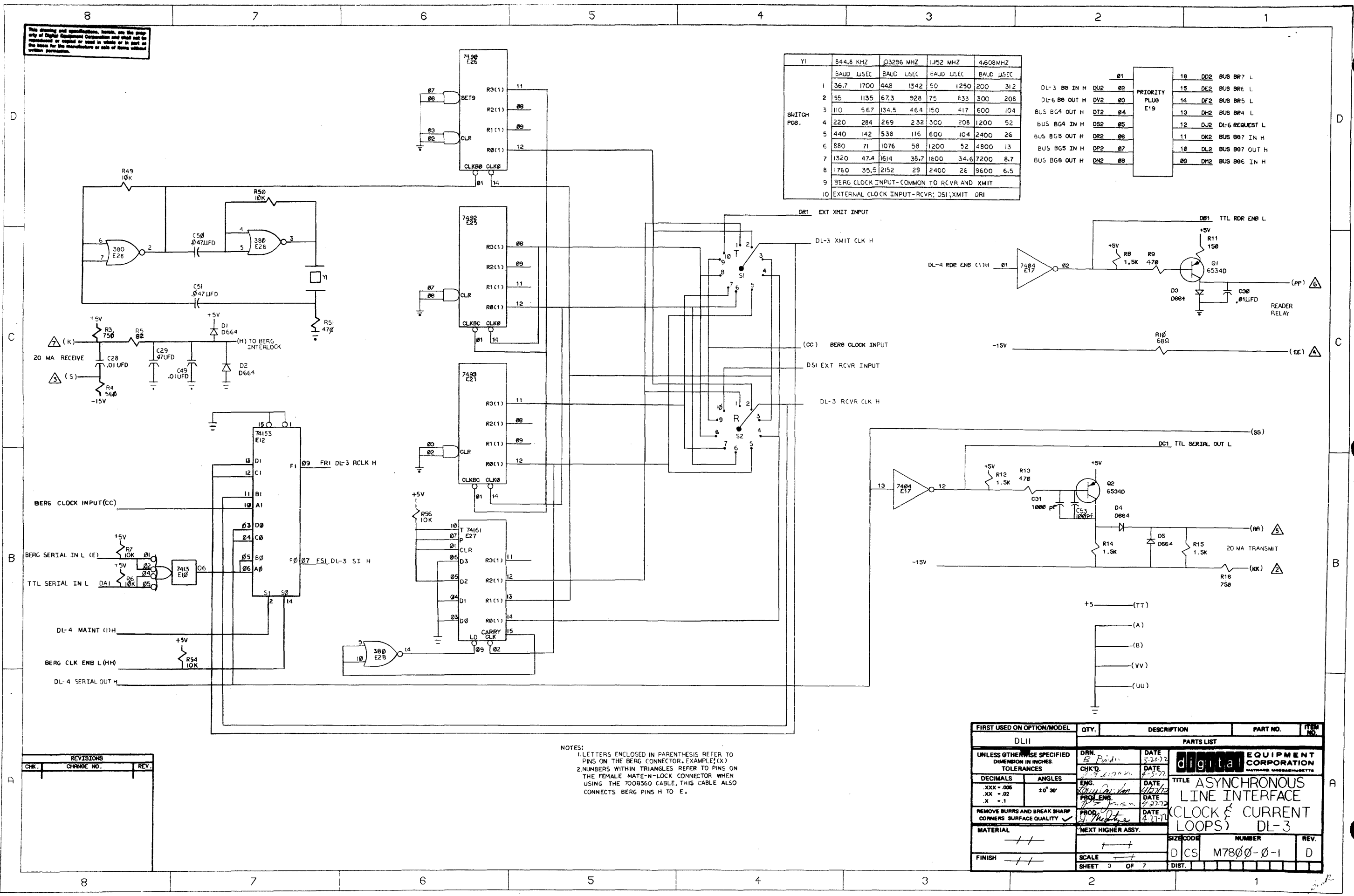


FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.	
DL11					
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN <i>B. P. ...</i>	DATE 3-24-72			
DECIMALS	CHK'D <i>B. P. ...</i>	DATE 4-1-72			
ANGLES	ENG <i>B. P. ...</i>	DATE 4-27-72	TITLE ASYNCHRONOUS LINE INTERFACE (BUS RECEIVERS & DRIVERS) DL-2		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROG. <i>M. ...</i>	DATE 4-27-72			
MATERIAL	NEXT HIGHER ASSY.	SCALE	SIZE CODE	NUMBER	REV.
FINISH		SHEET 2 OF 7	D CS	M7800-0-1	D

REVISIONS		
CHK.	CHANGE NO.	REV.

*pink*

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Y1	844.8 KHZ	103296 MHZ	1.152 MHZ	4.608MHZ
	BAUD U/SEC	BAUD U/SEC	BAUD U/SEC	BAUD U/SEC
1	36.7	1700	448	1342
2	55	1135	673	928
3	110	567	134.5	464
4	220	284	269	232
5	440	142	538	116
6	880	71	1076	58
7	1320	47.4	1614	35.7
8	1760	35.5	2152	29
9	BERG CLOCK INPUT-COMMON TO RCVR AND XMIT			
10	EXTERNAL CLOCK INPUT-RCVR; DSI; XMIT DRI			

DL-3	DL-6	BUS	DL-6	DL-6
01	02	03	04	05
06	07	08	09	10
11	12	13	14	15
16	17	18	19	20

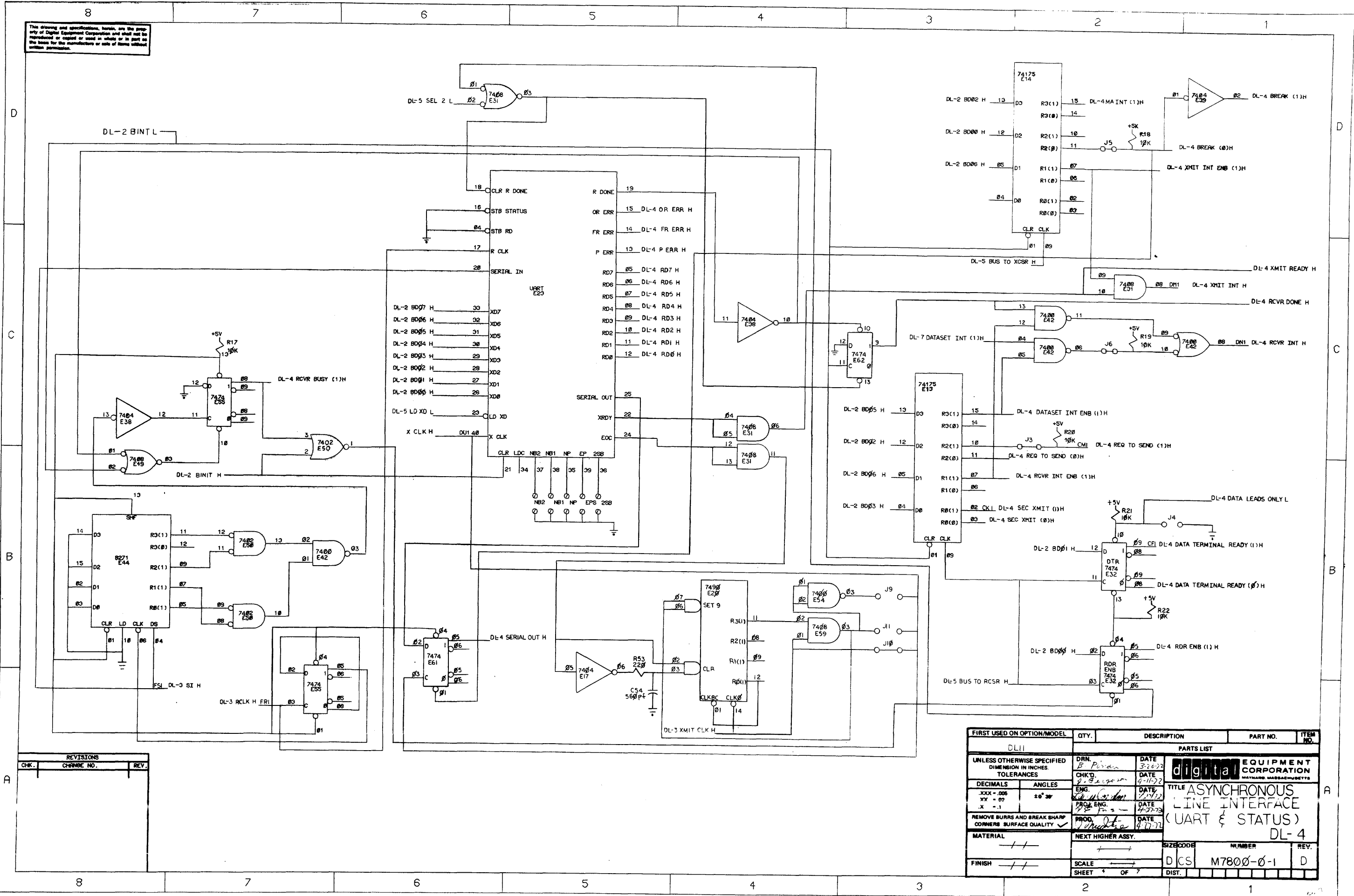
NOTES:  
 1. LETTERS ENCLOSED IN PARENTHESIS REFER TO PINS ON THE BERG CONNECTOR. EXAMPLE: (X)  
 2. NUMBERS WITHIN TRIANGLES REFER TO PINS ON THE FEMALE MATE-N-LOCK CONNECTOR WHEN USING THE 7008360 CABLE. THIS CABLE ALSO CONNECTS BERG PINS H TO E.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DL11 PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN B Poind	DATE 3-20-72	digital EQUIPMENT CORPORATION	
TOLERANCES	CHKD	DATE 4-5-72	TITLE ASYNCHRONOUS LINE INTERFACE	
DECIMALS .XXX ±.006	ENG	DATE 4-27-72	SUBTITLE (CLOCK & CURRENT LOOPS) DL-3	
ANGLES ±0° 30'	PROB	DATE 4-27-72	MATERIAL	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROP	DATE 4-27-72	FINISH	
MATERIAL	NEXT HIGHER ASSY.		SCALE	SHEET 3 OF 7
FINISH	SIZE CODE		NUMBER	REV.
	D/C S		M7800-0-1	D
	DIST.			

REVISIONS	CHANGE NO.	REV.



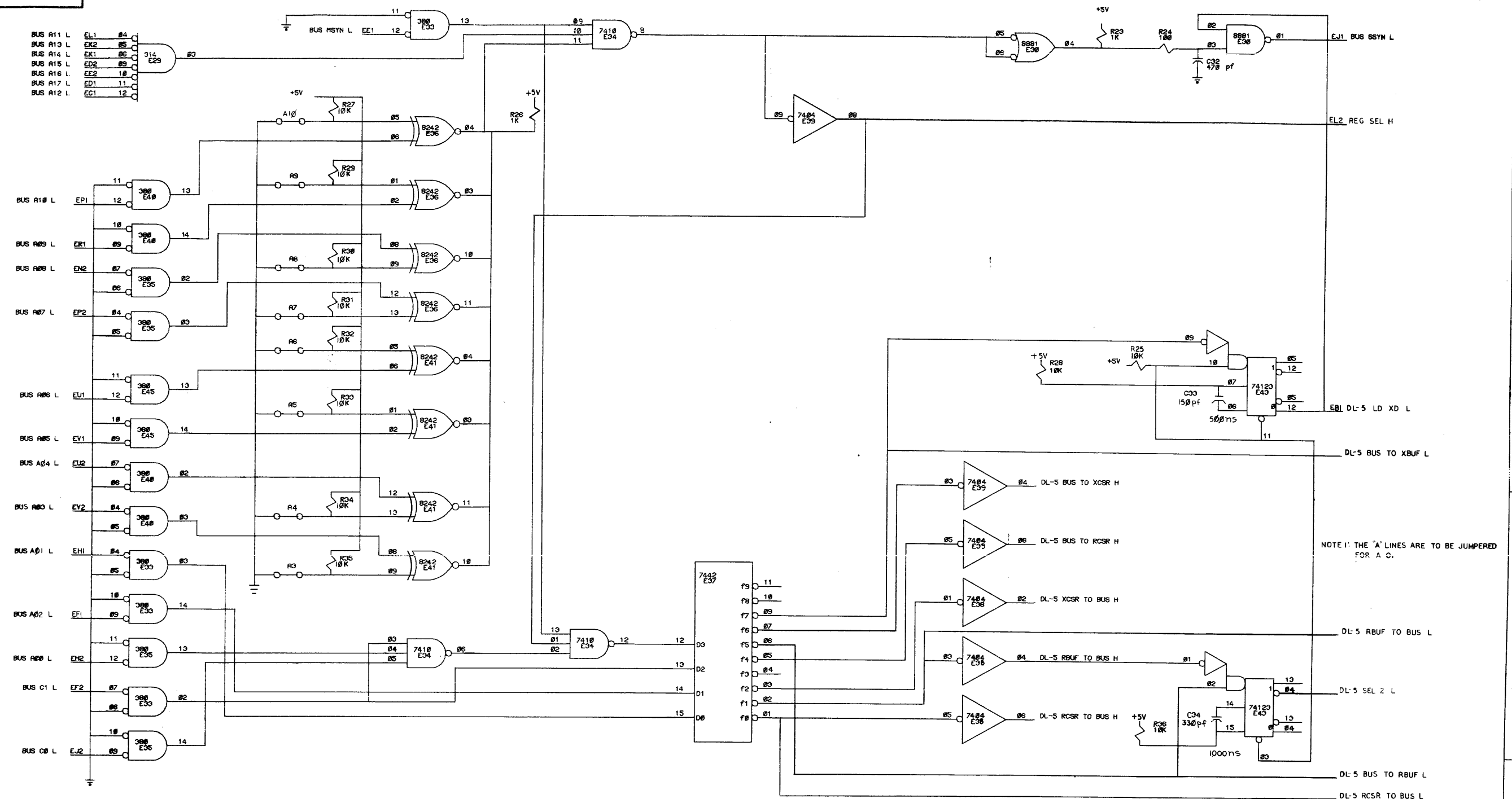
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FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DL11				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	ANGLES	DRN.	DATE	 <b>digital EQUIPMENT CORPORATION</b> <small>MAYNARD MASSACHUSETTS</small>
.XXX - .008	±0° 30'	CHK'D.	DATE	
.XX - .01		ENG.	DATE	
.X - .1		PROJ. ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD.	DATE	TITLE
				ASYNCHRONOUS LINE INTERFACE (UART & STATUS)
				DL-4
MATERIAL	NEXT HIGHER ASSY.		SIZE CODE	NUMBER
FINISH	SCALE		DCS	M7800-0-1
	SHEET	OF 7	DIST.	REV. D

REVISIONS		
CHK.	CHANGE NO.	REV.

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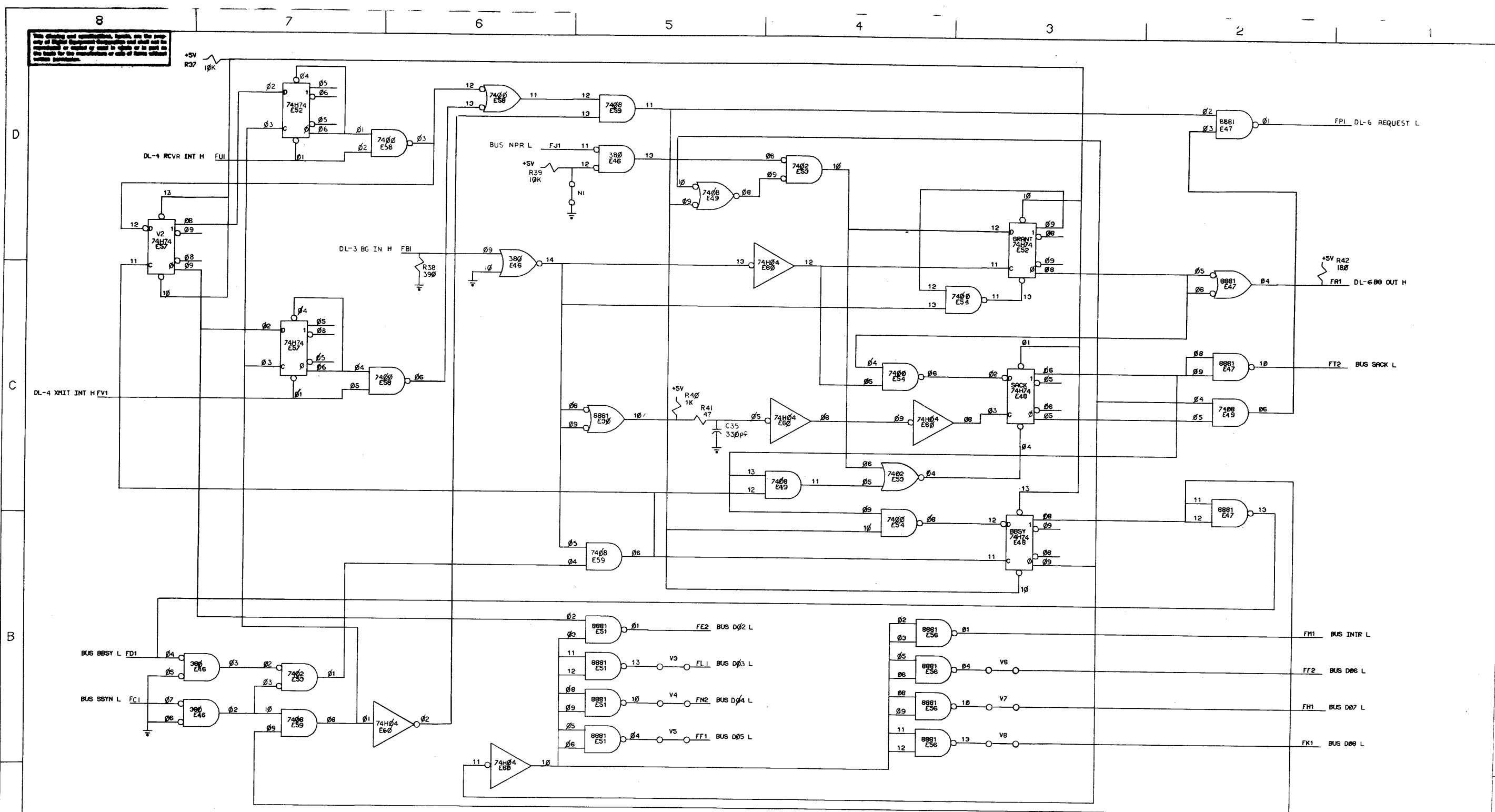


NOTE 1: THE "A" LINES ARE TO BE JUMPED FOR A.C.

REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DL11				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.XXX - .005	±0° 30'	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
.XX - .02		TITLE ASYNCHRONOUS LINE INTERFACE (ADDRESS SELECTION)		
.X - .1		DL-5		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
FINISH				
SCALE				
SHEET 5 OF 7				
SIZE CODE		NUMBER		REV.
D CS		M7800-0-1		D
DIST.				

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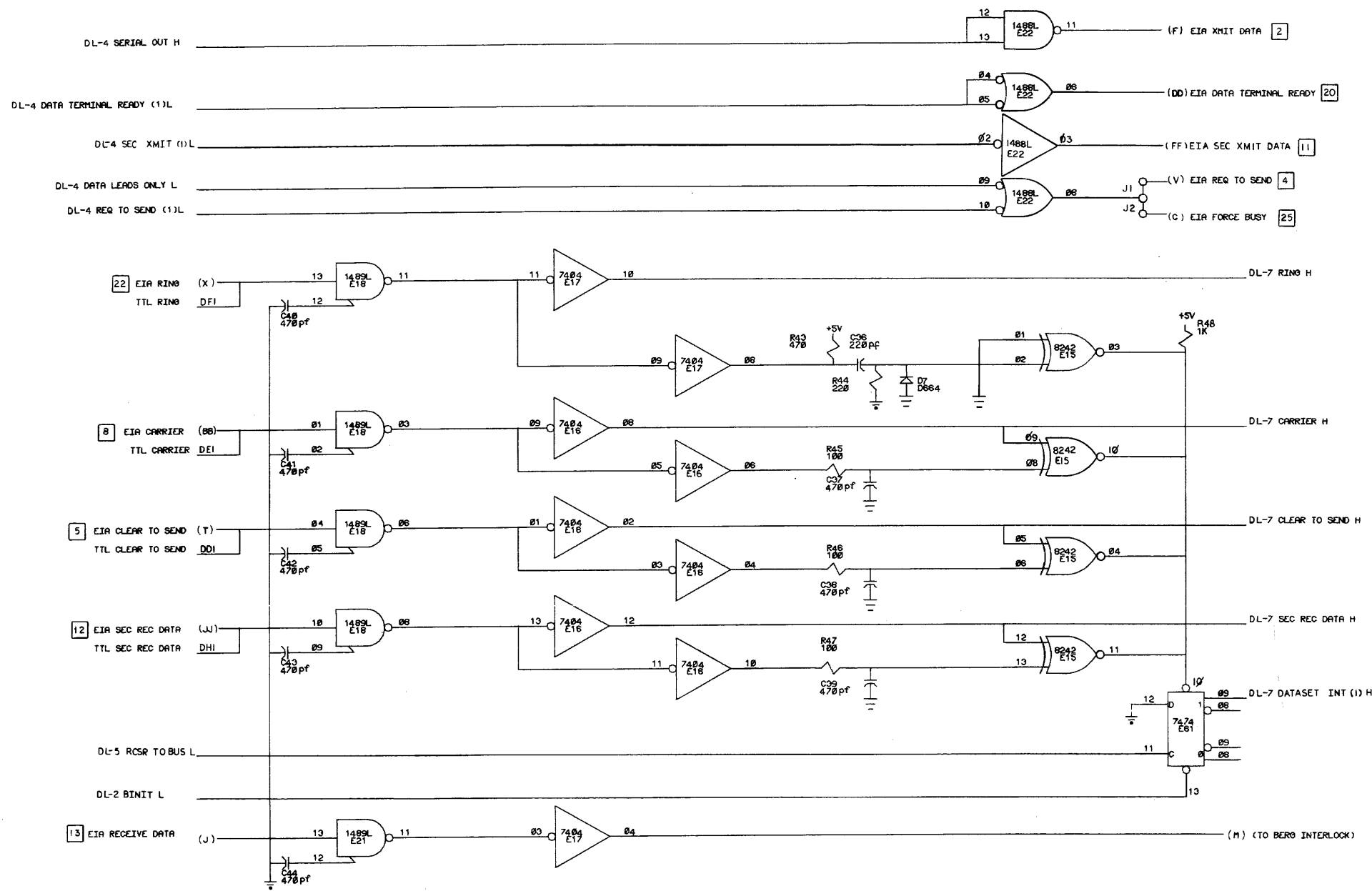


NOTE: THE "V" LINES ARE TO BE JUMPED FOR A I.

REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DL11				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.XXX - .005	±0° 30'	DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
.XX - .02		TITLE ASYNCHRONOUS LINE INTERFACE		
K - 1		DATE 4/6/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
NEXT HIGHER ASSY.				
MATERIAL				
FINISH				
SCALE				
SHEET OF				
SIZE CODE NUMBER REV.				
D JCS M7800-0-1 D				

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- NOTES:
- LETTERS ENCLOSED- EXAMPLE (M) REFER TO PINS ON THE BERG CONNECTOR.
  - NUMBERS WITHIN BOXES REFER TO PINS ON THE MALE CINCH CONNECTOR WHEN USING THE BC05-C CABLE. THIS CABLE ALSO CONNECTS BERG PINS M TO E.

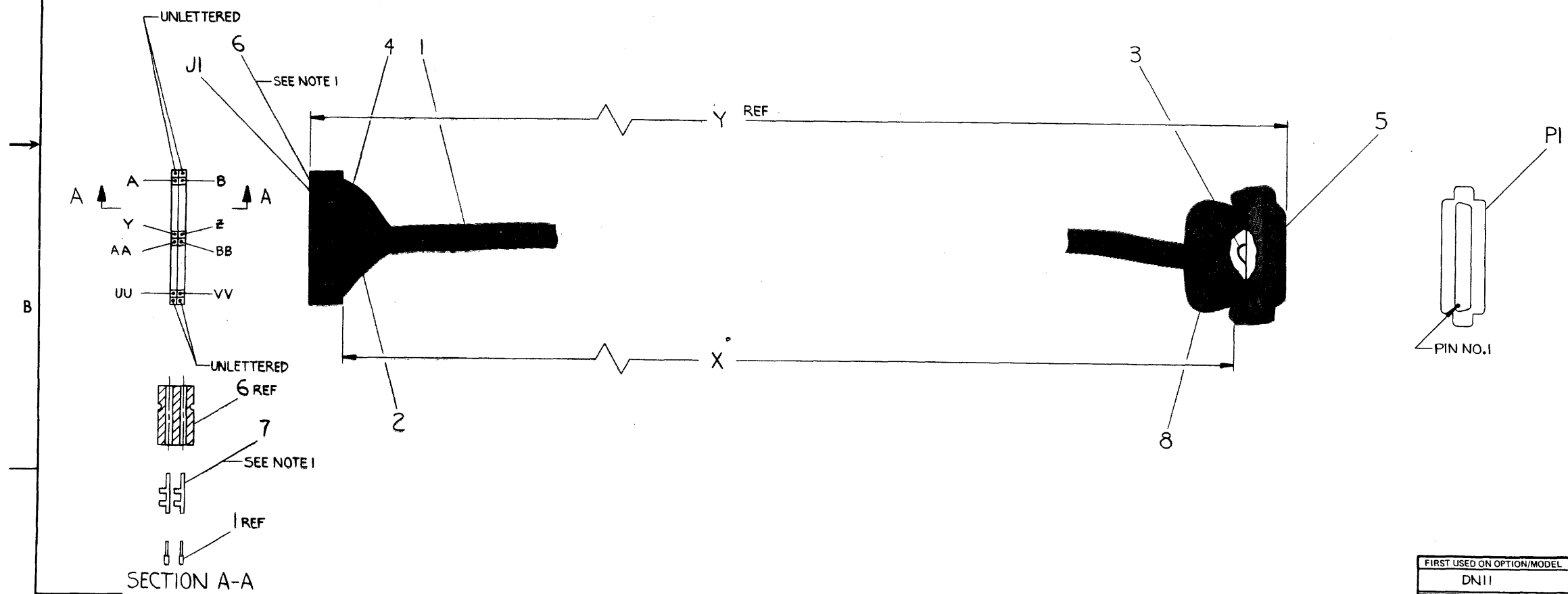
REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.	
DLII		PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. 8 P. J. D.	DATE 5-22-72	<b>digital</b> EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small> TITLE ASYNCHRONOUS LINE INTERFACE (EIA DRIVERS & RECEIVERS) DL-7		
DECIMALS .XXX = .005 .XX = .02 .X = .1	CHK'D. J. G. ...	DATE 8-5-72			
ANGLES ±0° 30'	ENG. R. G. ...	DATE 12-17-72			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROV'G. J. G. ...	DATE 8-22-72			
	PROD. J. G. ...	DATE 4-22-72			
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.	
FINISH	SCALE	D	CS	M7800-0-1	D
	SHEET 7 OF 7	DIST.			

WIRE TABLE											
ITEM NO.	DESCRIPTION	FROM		TO		ITEM NO.	DESCRIPTION	FROM		TO	
		AWG	COLOR	CONNECTION	WITH			CONNECTION	WITH	CONNECTION	WITH
1	22	BLU/WHT	PI-1		J1-VV	1	22	RED/BRN	PI-16		J1-NN
		WHT/BLU	PI-2		J1-F			SLA	PI-17		J1-R
		ORN/WHT	PI-3		J1-J			RED/SLA	PI-18		J1-U
		WHT/ORN	PI-4		J1-Y			BLU/BLK	PI-19		J1-P
		GRN/WHT	PI-5		J1-T			BLK/BLU	PI-20		J1-DD
		WHT/GRN	PI-6		J1-Z			ORN/BLK	PI-21		J1-MM
		BRN/WHT	PI-7		J1-UU			BLK/ORN	PI-22		J1-X
		WHT/BRN	PI-8		J1-BB			GRN/BLK	PI-23		J1-RR
		SLA/WHT	PI-9		J1-Y			BRN/RED	PI-24		J1-L
		WHT/SLA	PI-10		J1-W			RED/ORN	PI-25		J1-C
		BLU/RED	PI-11		J1-FF			BLK	PI-1	4	J1-A
		RED/BLU	PI-12		J1-JJ			BLK	PI-7	4	J1-B
		ORN/RED	PI-13		J1-D			BLK	PI-1		PI-7
		SLA/RED	PI-14		J1-LL			RED	J1-E		J1-M
1	22	SLA/GRN	PI-15		J1-N						

NUMBER	VARIATION	
	DIM X	DIM Y (PRE CUT)
BC05C-25	25'±3"	25'1.8"
BC05C-50	50'±2%	50'1.8"

NOTES:  
 1. MANUFACTURING SHOULD USE MACHINE CRIMPER TOOL FOR CRIMPING PINS (ITEM #7) MUST BE HT68 FROM BERG ELECT  
 2. ONLY DEC PART #1210090-0-0 MAY BE USED AS J1.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	HOOD, *DB51226-1 CINCH	1205885	8
29	SOCKET, *HT-68	1210089-5	7
1	HOUSING, *20383 BERG	1210090-0-0	6
1	PLUG, *DB-25P CINCH	1205886	5
A/R	TUBING, *22 AWG TEF BLK	9107256-00	4
A/R	WIRE, *26 AWG STRD TEF BLK	9107636-00	3
A/R	WIRE, *26 AWG STRD TEF RED	9107636-22	2
A/R	CABLE, 25 CONDUCTOR	9107736	1

FIRST USED ON OPTION/MODEL		DN11	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		PARTS LIST	
DECIMALS	ANGLES	DRN. S Roberts	DATE 11/17/71
.XXX - .000	± .000	CHK. C. Cook	DATE 11/17/71
.X - .1	± .005	ENG. J. Smith	DATE 11/17/71
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PBOL. ENG. A. Smith	DATE 11/17/71
MATERIAL		PROD. R. Smith	DATE 11/17/71
NEXT HIGHER ASSY.		TITLE	
FINISH		CABLE, MODEM BC05C	
SCALE NONE		SIZE CODE	NUMBER
SHEET 1 OF 1		DUA	BC05C-0-0
		REV.	A

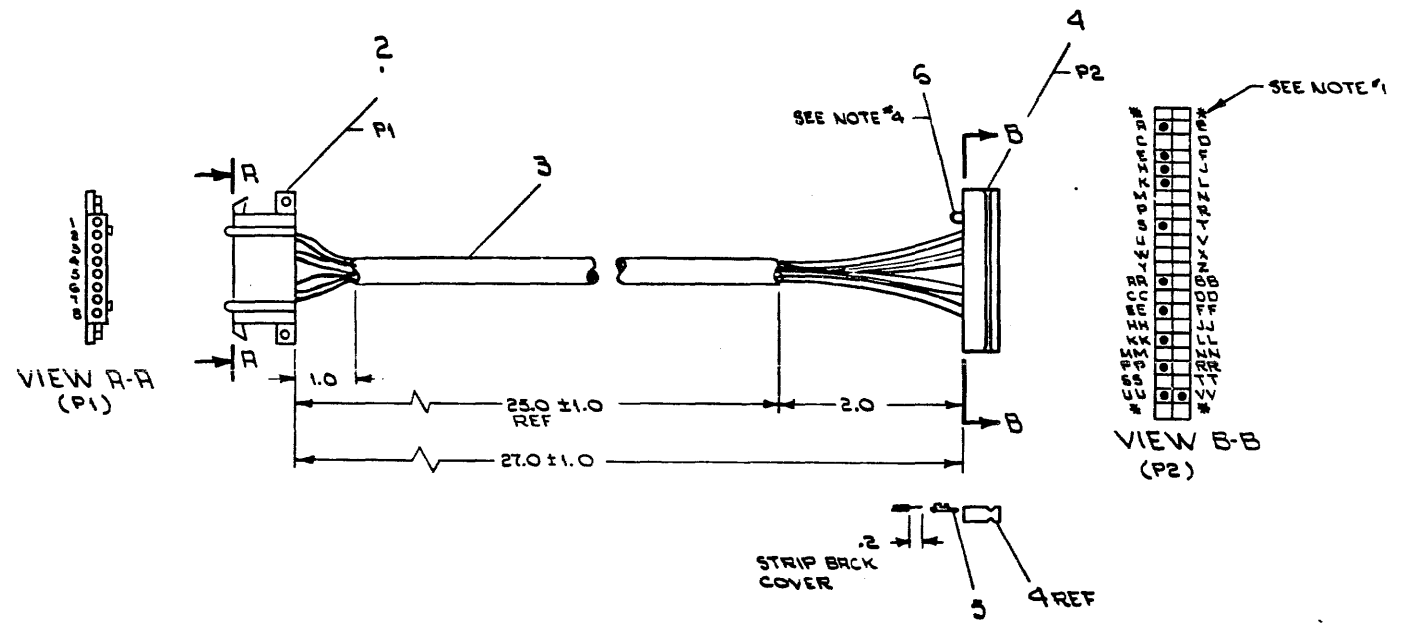
REV. NO.	REV.
1	A
CHANGE NO.	
BC05C-0001	
CHK. J. Smith	
DATE 11/17/71	

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WIRE TABLE						
ITEM NO.	DESCRIPTION	PAIR NO.	FROM CONNECTION WITH	TO CONNECTION WITH		
3	22 BLK	1	P1-2	2	P2-KK	5
3	RED		P1-3	2	P2-S	
3,7	SHIELD		SEE NOTE #2	-	P2-R(NOTE#3)	
3	BLK	2	P1-4	2	P2-EE	
3	WHT		P1-5	2	P2-RR	
3,7	SHIELD		SEE NOTE #2	-	P2-UU(NOTE#3)	
3	BLK	3	P1-6	2	P2-PP	
3	GRN		P1-7	2	P2-K	
3,7	SHIELD		SEE NOTE #2	-	P2-VV(NOTE#3)	
6	22 BLK	-	P2-E	5	P2-H	5

**NOTES:**

- \* ASTERISKS INDICATE CAVITIES NOT USED OR DESIGNATED BY LETTERS.
- DRAIN WIRES TO BE CUT BACK TO OUTER INSULATION ON P1 END OF CABLE ONLY. SHIELDS TO BE CUT BACK TO OUTER INSULATION ON BOTH ENDS OF CABLES.
- DRAIN WIRES ON P2 END OF CABLE TO BE EACH ENCLOSED WITH ITEM #7 (TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER P2 CONNECTOR.
- ITEM #6(WIRE) TO BE APPROXIMATELY ONE(1) INCH LONG.



QTY	DESCRIPTION	PART NO.	ITEM NO.
	AIR TUB. #8 TEF. THINWALL WRT	910279-11	7
	AIR WIRE #22 AWG STRD TEF BLK	910350-00	6
	SOCKET BERG #47706	1210089-9	5
	HOUSING BERG #20393	1210090-0	4
	CABLE BELDEN #BTT-3PR SHLD	9107733-0	3
	CONTACT MATE-N-LOCK(FEMALE)	1209379	2
	CONN. MATE-N-LOCK(FEMALE)	1209340-00	1

REV.	CHG	BY	DATE
1			
2			
3			
4			

FIRST USED ON OPTION/MODEL: PDP-8E

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED

TOLERANCES: DIMENSIONS IN INCHES

ANGLES: ± 0.30°

FINAL SURFACE QUALITY: REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL: SEE PARTS LIST

FINISH: NONE

DATE: 11/12/71

SCALE: NONE

SHEET 1 OF 1

**DIGITAL EQUIPMENT CORPORATION**

**CABLE ASSEMBLY (KL8E)**

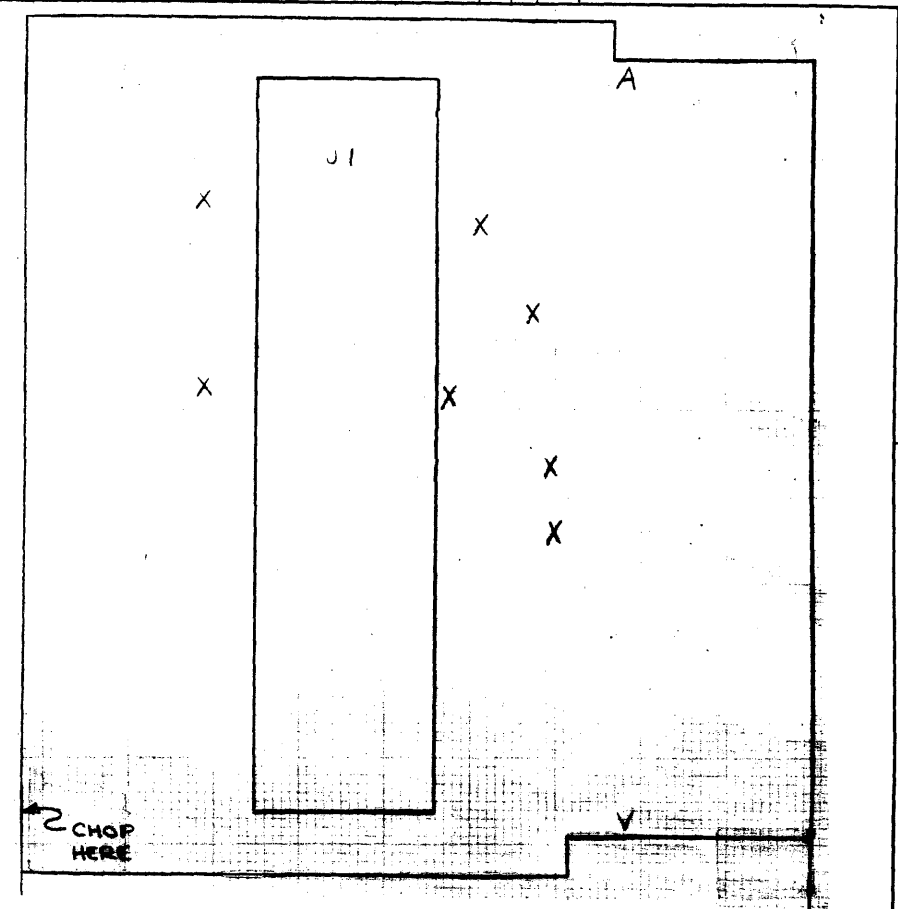
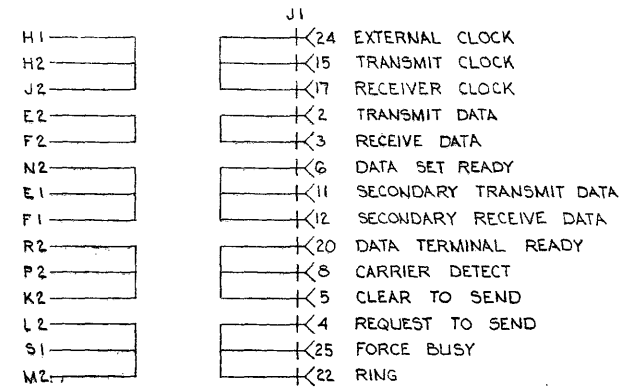
SIZE CODE: A-ML-KLB-E-0

NUMBER: DIA 7008360-0-0

REV: A

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1-0-91GH  
 NUMBER  
 SIZE CODE  
 DCS 2



7		EYELET FEED THRU	9006731	4
1	J1	CONN. CINCH DB-255-3	1210247	5
1		ETCHED CIRCUIT BOARD	5010020	4
		MODULE BCO HISTORY	B-AM-H315-0-4	3
		ASSY/DRILLING HOLE LAYOUT	C-AM-H315-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-CO-H315-0-4	1
QTY.	REF. DESIGNATION	DESCRIPTION	DEC. PART NO.	ITEM NO.

QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
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ETCH BOARD REV				A																
DRN	Roger J. Douette	DATE	3-5-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS																
CHK'D	W. J. Sullivan	DATE	3-16-72	MODEM TEST CONNECTOR																
DESIGNED	W. E. Johnson	DATE	3-13-72	SCALE																
PROD. BY	W. E. Johnson	DATE	3-13-72	SIZE CODE DCS																
PROD. BY	W. E. Johnson	DATE	3-24-72	NUMBER H315-0-1																
NEXT HIGHER ASSY				REV.																
SEMICONDUCTOR CONVERSION CHART				SHEET 1 OF 1																

REV  
 NUMBER  
 H315-0-1  
 SIZE CODE  
 DCS