Micro-Minutes

NEWSLETTER OF THE HEWLETT—PACKARD MICRO—COMPUTER INTEREST GROUP

July/August, 1979

Past Meeting: Tuesday, July 31

Mike Beaver presented the status of the project hardware and showed a prototype of the cabinet with power supply, mother board and card cage.

Help Wanted:

Contact Mike Beaver in 25U (ext. 173-227)

P.C. Layout - Convert a schematic to a grid paper (no light table required) with colored pencils.

P.C. Tape Job - Convert a pencil & paper P.C. layout to tape on mylar (light table required).

Prototype Building - Load P.C.board from schematic and loading diagram.

Design Checkout & Debug - Must be able to work from schematic and understand digital circuits.

Meeting Coordinator - Help set up future meetings. This is an opportunity to help the club and to arrange for meeting topics that interest you.

Software Committee Meeting (held August 7, 1979)

The software for the basic system will be as follows:
1. A simple monitor in ROM
2. A basic interpreter on cassette tape (available on ROM)
3. A Z-80 assembler
4. Drivers for video, keyboard and cassette I/O.

The monitor details should be decided in 2-3 months with a choice of basic and assembler made soon thereafter.

On the back side of this issue of Micro-Minutes is a chart of the current status of our computer project hardware.

HARDWARE UPDATE 8/7/79

COMPONENT	DESIGN	PC LAYOUT	PROTOTYPE	CHECKOUT & DEBUG	ORDER DATE (EST)	PARTS AVAIL (EST)	EST. COST
Cabinet	Bill Goodman*	N/A	Lloyd Stafford*	Bill Goodman*	Complete	September	$ 80
Power Supply	Dick Ollins*	N/A	Dick Ollins*	Dick Ollins*	Complete	Nearly comp.	80
Mother Board	Mike Beaver*	Mike Beaver*	Mike Beaver*		September	December	115
Front Panel Board	Doug Pocins*	Mike Beaver*	Mike Beaver	Doug Pocins	October	January	75
CPU Board	Steve Hessel*	Jack Bamberg*	Harley Wilson	Steve Joiner* Steve Hessel Bruce Kendall	October	January	45
Video Board	Dave Collins* Steve Hessel*	Dave Collins	Bob Knapp		?	?	80?
2-Port RAM Board	Steve Hessel*		Bill Ward (wire wrap)		?		35?
22 pin RAM Board	Steve Hessel*	Ray Wong Rick Pinger*	Keith Hickox (wire wrap)	John Youden Mike Beaver	October??		40?
Prom Board	Steve Hessel*	Mike Beaver*	George Brandle	John Youden Mike Beaver	October??		40?
Basic I/O Board	Steve Hessel*		Bob Schuchard (wire wrap)		November??		45?
16 pin RAM Board	Steve Hessel						
Parallel I/O Board	Terry Gildea						
Telephone/FSK Bd.	Paul Zander						
HP-IB Board	Rich Hope*		Rich Hope*				
Prom Programmer	Len Cutler* Steve Hessel*						

*Complete