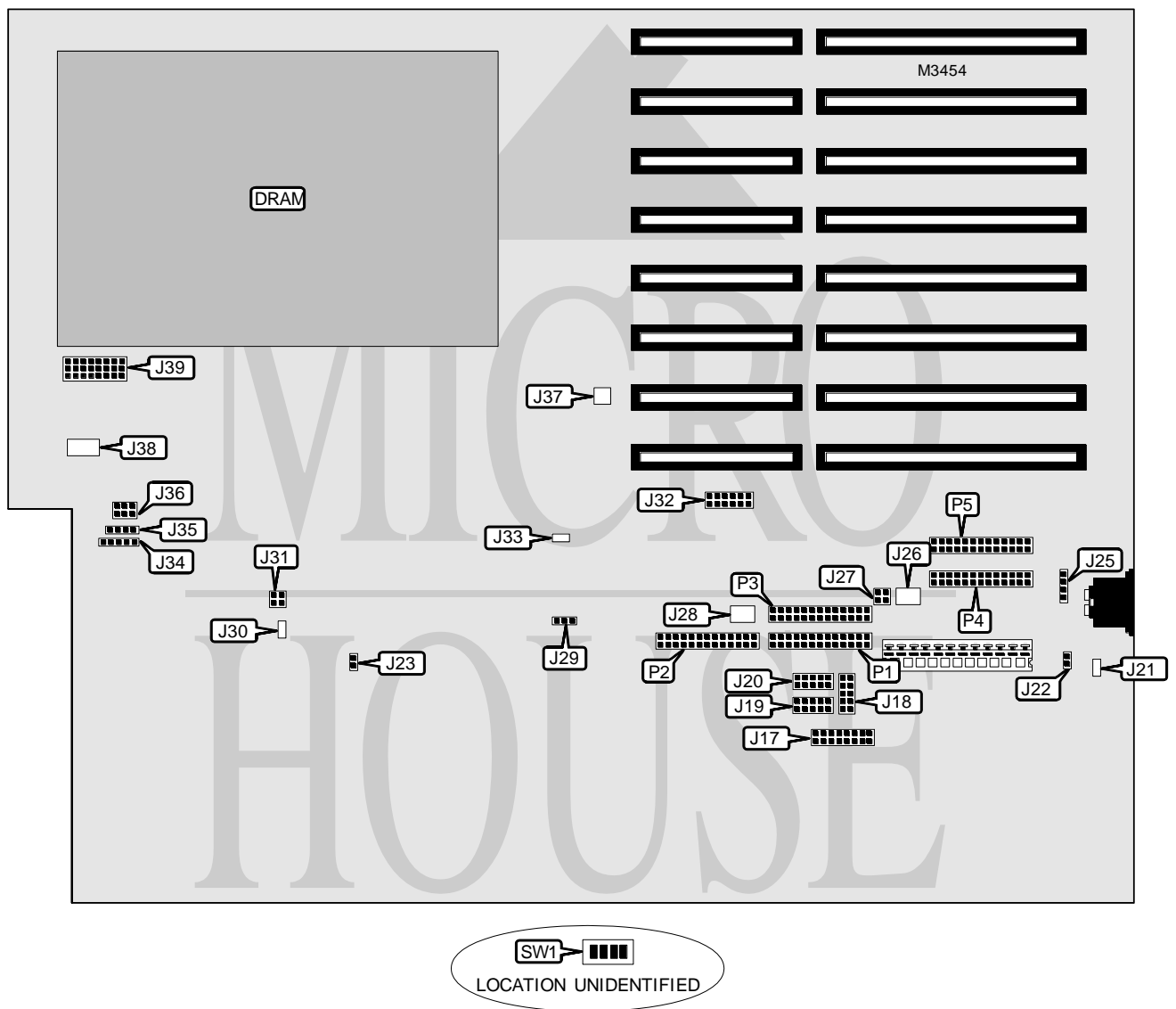


ACS, INC. ET 286+

Processor	80286
Processor Speed	6/10MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	4MB
Maximum Video Memory	None
Cache	None
BIOS	Unidentified
Dimensions	351mm x 304mm
I/O Options	Parallel ports (2), serial ports (3)
NPU Options	80287



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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J25	Parallel port LPT1	P2
Power LED & keylock	J34	Serial port 2	P3
Speaker	J35	Parallel port LPT2	P4
Serial port 3	P1	Serial port 1	P5

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Serial port 2 IRQ4 enabled	J17/pins 9 & 10	Closed
Serial port 2 IRQ4 disabled	J17/pins 9 & 10	Open
Serial port 1 IRQ3 enabled	J17/pins 11 & 12	Closed
Serial port 1 IRQ3 disabled	J17/pins 11 & 12	Open
Parallel port 1 IRQ7 enabled	J17/pins 13 & 14	Closed
Parallel port 1 IRQ7 disabled	J17/pins 13 & 14	Open
Parallel port 2 IRQ5 enabled	J17/pins 15 & 16	Closed
Parallel port 2 IRQ5 disabled	J17/pins 15 & 16	Open
í Serial port 1 select RS-232C	J18	Pins 5 & 6, 9 & 10 closed
Serial port 1 select RS-422	J18	Pins 1 & 2, 3 & 4, 7 & 8 closed
í Serial port 2 select RS-232C	J19	Pins 1 & 2, 5 & 6 closed
Serial port 2 select RS-422	J19	Pins 3 & 4, 7 & 8, 9 & 10 closed
í Serial port 3 select RS-232C	J20	Pins 1 & 2, 5 & 6 closed
Serial port 3 select RS-422	J20	Pins 3 & 4, 7 & 8, 9 & 10 closed
Jumper information unavailable	J21	Unidentified
í Power good disabled	J22	Open
Reset using power good	J22	Closed
í 6MHz using 1 wait state	J23	Open
6MHz using 0 wait states	J23	Closed
Jumper information unavailable	J26	Unidentified
í Monitor type select color	J27/pins 1 & 2	Closed
Monitor type select monochrome	J27/pins 1 & 2	Open
í Keyboard type select PC-AT	J27/pins 3 & 4	Closed
Keyboard type select PC-XT	J27/pins 3 & 4	Open
Jumper information unavailable	J28	Unidentified
Jumper information unavailable	J30	Unidentified
í Wait state select 1 wait state	J31	Pins 2 & 4 closed
Wait state select 2 wait states	J31	Pins 1 & 3 closed

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USER CONFIGURABLE SETTINGS (CON'T)		
Function	Label	Position
Serial port 1 enabled	J32/pins 1 & 2	Closed
Serial port 1 disabled	J32/pins 1 & 2	Open
Serial port 2 enabled	J32/pins 3 & 4	Closed
Serial port 2 disabled	J32/pins 3 & 4	Open
Serial port 3 enabled	J32/pins 5 & 6	Closed
Serial port 3 disabled	J32/pins 5 & 6	Open
Parallel port 1 enabled	J32/pins 7 & 8	Closed
Parallel port 1 disabled	J32/pins 7 & 8	Open
Parallel port 2 enabled	J32/pins 11 & 12	Closed
Parallel port 2 disabled	J32/pins 11 & 12	Open
Jumper information unavailable	J33	Unidentified
í BIOS type select 27128	J36	Pins 1 & 3 closed
BIOS type select 27256	J36	Pins 2 & 4, 3 & 5 closed
BIOS type select 27512	J36	Pins 3 & 5, 4 & 6 closed
Jumper information unavailable	J37	Unidentified
Jumper information unavailable	J38	Unidentified

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(16) 4164	(16) 4164
512KB	(16) 41256	None
640KB	(16) 41256	(16) 4164
1MB	(16) 41256	(16) 41256
1640KB * **	(16) 411000	(16) 41256
2MB **	(16) 411000	None
2128KB (A) * **	(16) 41256	(16) 411000
2128KB (B) * **	(16) 411000	(16) 41256
4MB **	(16) 411000	(16) 411000

Note: The size are shown without parity chips. The size of the parity is unidentified. The location of banks 0 & 1 are unidentified. * = Configuration not available on Rev. A boards. ** = Requires special configuration for 1MB memory devices.

DRAM SWITCH CONFIGURATION				
Size	SW1/1	SW1/2	SW1/3	SW1/4
256KB	On	On	On	On
512KB	Off	Off	On	On
640KB	Off	On	On	On
1MB	Off	On	On	Off
1640KB	Off	Off	Off	On
2MB	Off	Off	On	Off
2128KB (A)	Off	On	Off	Off
2128KB (B)	Off	On	Off	On
4MB	Off	Off	Off	Off

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DRAM JUMPER CONFIGURATION	
Size	J39
4164/41256	1 & 2, 4 & 5, 10 & 11, 13 & 14, 19 & 20, 22 & 23
411000	5 & 6, 8 & 9, 14 & 15, 17 & 18, 20 & 21, 23 & 24
Note: Pins designated should be in the closed position.	

CPU SPEED SELECTION	
Speed	J29
Speed select by keyboard CTRL/ALT/SHIFT/DEL changes speed from 6MHZ to 10MHZ and vice versa	Pins 1 & 2 closed
6MHz	Pins 2 & 3 closed
10MHz	Open

SERIAL PORT INTERRUPT SELECTION					
Port	IRQ	J17/pins 1 & 2	J17/pins 3 & 4	J17/pins 5 & 6	J17/pins 7 & 8
	IRQ10	Closed	Open	Open	Open
	IRQ11	Open	Closed	Open	Open
	IRQ12	Open	Open	Closed	Open
	IRQ15	Open	Open	Open	Closed