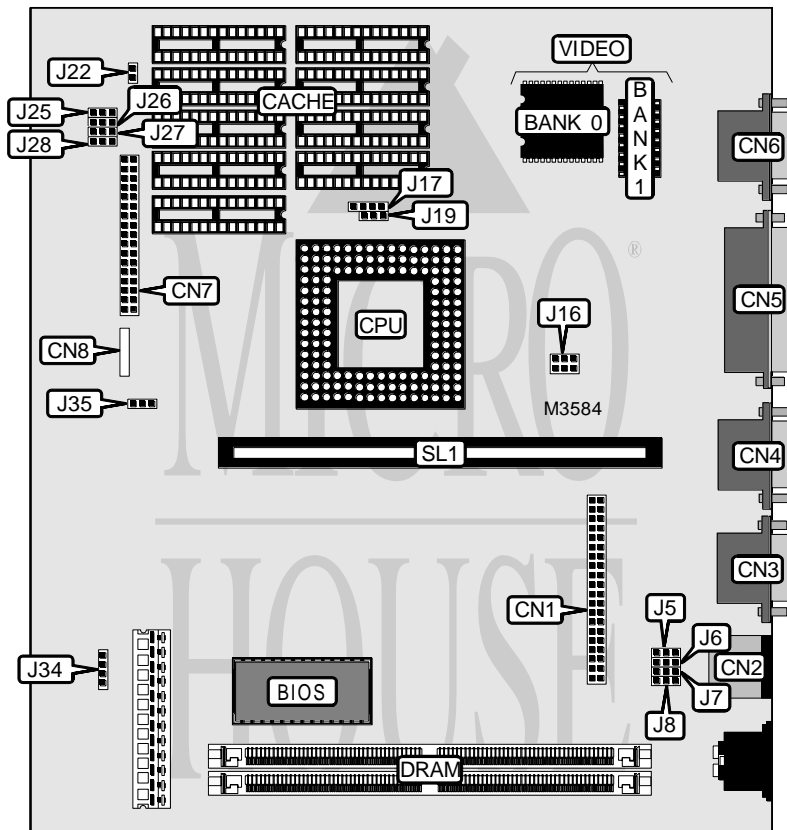


# EPSON, INC. ACTION DESK 4000

<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Cirrus Logic
<b>Maximum Onboard Memory</b>	64MB
<b>Maximum Video Memory</b>	2MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	220mm x 220mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, riser slot
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	CN1	VGA port	CN6
PS/2 mouse port	CN2	IDE interface 1	CN7
Serial port 1	CN3	Front panel connector	CN8
Serial port 2	CN4	Turbo switch	J22
Parallel port	CN5	Riser slot	SL1

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Parallel port LPT select LPT1	J5	Pins 1 & 2 closed
Parallel port LPT select LPT2	J5	Pins 2 & 3 closed
í Serial port 1 COM select COM1	J6	Pins 1 & 2 closed
Serial port 1 COM select COM3	J6	Pins 2 & 3 closed
í Serial port 2 COM select COM2	J7	Pins 1 & 2 closed
Serial port 2 COM select COM4	J7	Pins 2 & 3 closed
í Floppy drive interface enabled	J8	Pins 1 & 2 closed
Floppy drive interface disabled	J8	Pins 2 & 3 closed
í Turbo enabled	J22	Open
Turbo disabled	J22	Closed
í Battery type select internal	J34	Pins 2 & 3 closed
CMOS memory clear	J34	Pins 3 & 4 closed
í IDE interface enabled	J35	Pins 1 & 2 closed
IDE interface disabled	J35	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(1) 1M x 36	None
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36
8MB	(1) 2M x 36	None
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 1M x 36	(1) 2M x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36
16MB	(1) 4M x 36	None
17MB	(1) 4M x 36	(1) 256K x 36
18MB	(1) 4M x 36	(1) 512K x 36
20MB	(1) 4M x 36	(1) 1M x 36
24MB	(1) 4M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36
32MB	(1) 8M x 36	None
33MB	(1) 8M x 36	(1) 256K x 36
34MB	(1) 8M x 36	(1) 512K x 36
36MB	(1) 8M x 36	(1) 1M x 36
40MB	(1) 8M x 36	(1) 2M x 36
48MB	(1) 4M x 36	(1) 8M x 36
48MB	(1) 8M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36

Note: The location of banks 0 & 1 are unidentified.

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

Note: The location of banks 0 & 1 and the TAG are unidentified.

CACHE JUMPER CONFIGURATION				
Size	J25	J26	J27	J28
64KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Open	Pins 2 & 3 closed
128KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
1MB	1MB	None
2MB	1MB	(2) 256K x 16

Note: Bank 0 is factory installed and is not configurable.

CPU SPEED SELECTION	
Speed	J16
25MHz	Pins 5 & 6 closed
33MHz	Pins 1 & 2 closed
50MHz	Pins 5 & 6 closed
66MHz	Pins 1 & 2 closed

CPU TYPE SELECTION		
Type	J17	J19
80486SX	Pins 2 & 3 closed	Open
80487SX	Pins 1 & 2, 3 & 4 closed	Pins 2 & 3 closed
80486DX	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed
80486DX2	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed