EPSON, INC.
ACTION DESK 4000+

Processor	80486SX/80486DX/80486DX2/P24T
Processor Speed	25/33/50(internal)/50/66(internal)MHz
Chip Set	Unidentified
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	64MB
Maximum Video Memory	2MB
Cache	64/128/256KB
BIOS	Phoenix
Dimensions	254mm x 218mm
I/O Options	Floppy drive interface, IDE interface, game interface, riser slot
NPU Options	None
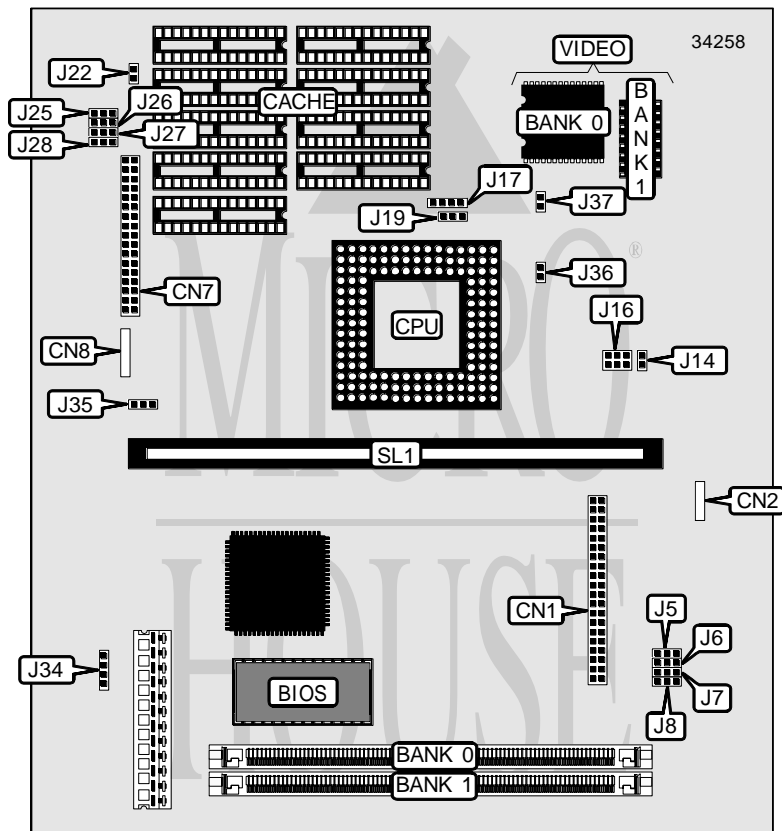
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Floppy drive interface	CN1	Turbo switch	J22
Game interface	CN2	Riser slot	SL1
IDE interface	CN7		

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USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured – do not alter	CN8	Unidentified
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 VGA IRQ9 disabled	J14	Open
VGA IRQ9 enabled	J14	Closed
í Fast speed enabled	J22	Open
8 Mhz enabled	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**
1MB	(1) 256K x 36	None
2MB	(1) 256K x 36	(1) 256K x 36
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
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

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
36MB	(1) 8M x 36	(1) 1M x 36
40MB	(1) 8M x 36	(1) 2M x 36
48MB	(1) 8M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36
Note: Board also accepts x 32 SIMMs.		

CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**TAG**
64KB	(4) 8K x 8	(4) 8K x 8	Unidentified
128KB	(4) 32K x 8	None	Unidentified
256KB	(4) 32K x 8	(4) 32K x 8	Unidentified
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
50iMHz	Pins 5 & 6 closed
50MHz	Pins 3 & 4 closed
66iMHz	Pins 1 & 2 closed

CPU TYPE SELECTION		
Type	**J17**	**J19**
80486SX	Pins 2 & 3 closed	Open
80486DX	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed
80486DX2	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed
P24T	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed

ON BOARD VIDEO SELECTION		
Setting	**J36**	**J37**
Enabled	Closed	Closed
Disabled	Open	Open