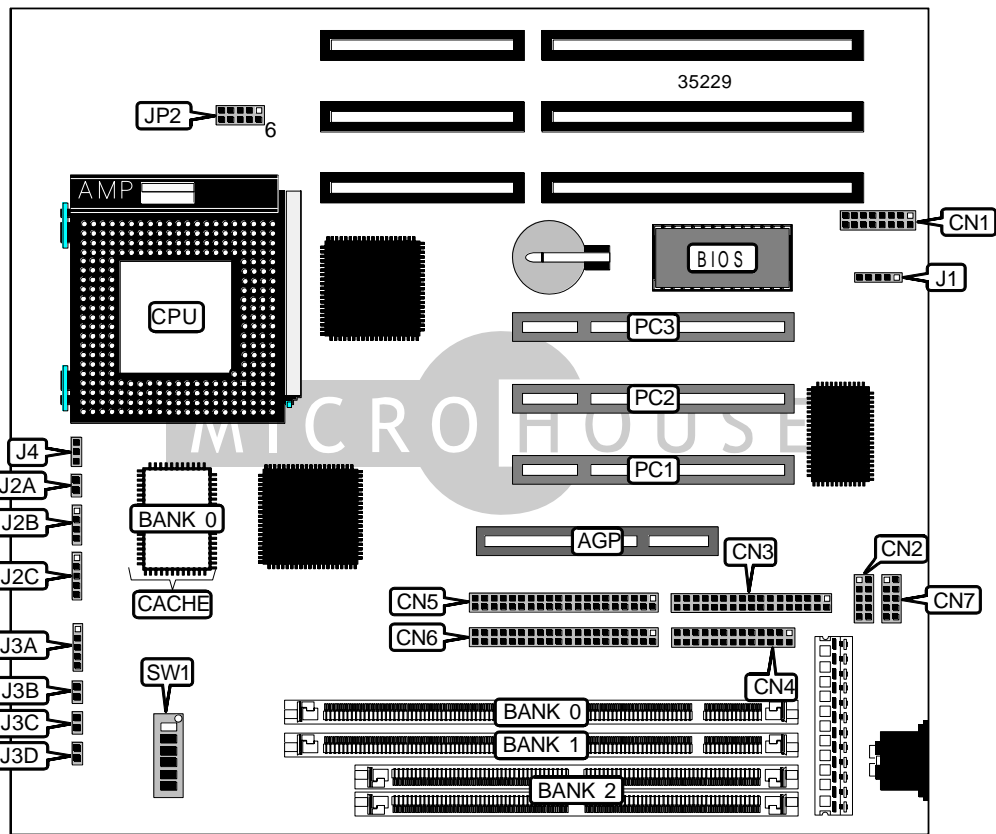


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 EP-58VP3A

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/188/200/225/233/266/300/333MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	320MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	230mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, AGP slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Reset switch	J2A
USB connector	CN1	Speaker	J2B
Serial port 1	CN2	Power LED & keylock	J2C
Floppy drive interface	CN3	IR connector	J3A
Parallel port	CN4	IDE interface LED	J3B
IDE interface 2	CN5	Turbo LED	J3C
IDE interface 1	CN6	Green PC connector	J3D
Serial port 2	CN7	CPU fan power	J4
PS/2 mouse interface	J1	32-bit PCI slots	PC1 – PC3

SIMM CONFIGURATION	
Size	Bank 2
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

Note: Board accepts SDRAM memory.

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CACHE CONFIGURATION	
Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
166MHz	60MHz	2.5x	On	On	Off	On	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off
200MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
233MHz	75MHz	2.5x	On	On	Off	Off	On	Off
233MHz	66MHz	3x	Off	On	Off	Off	Off	Off
266MHz	75MHz	3x	Off	On	Off	Off	On	Off
266MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
166MHz	60MHz	2.5x	On	On	Off	On	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off
200MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
233MHz	75MHz	2.5x	On	On	Off	Off	On	Off
233MHz	66MHz	3x	Off	On	Off	Off	Off	Off
266MHz	75MHz	3x	Off	On	Off	Off	On	Off
266MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

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CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
90MHz	60MHz	1.5x	Off	Off	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
188MHz	75MHz	2.5x	On	On	Off	Off	On	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4x	On	Off	On	Off	Off	Off
300MHz	66MHz	4.5x	On	On	On	Off	Off	Off
333MHz	66MHz	5x	Off	On	On	Off	Off	Off

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
90MHz	60MHz	1.5x	Off	Off	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
188MHz	75MHz	2.5x	On	On	Off	Off	On	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

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CPU VOLTAGE SELECTION	
Voltage	JP2
2.1v	Pins 1 & 6 closed
2.2v	Pins 2 & 7 closed
2.8v	Pins 3 & 8 closed
2.9v	Pins 4 & 9 closed
3.2v	Pins 5 & 10 closed