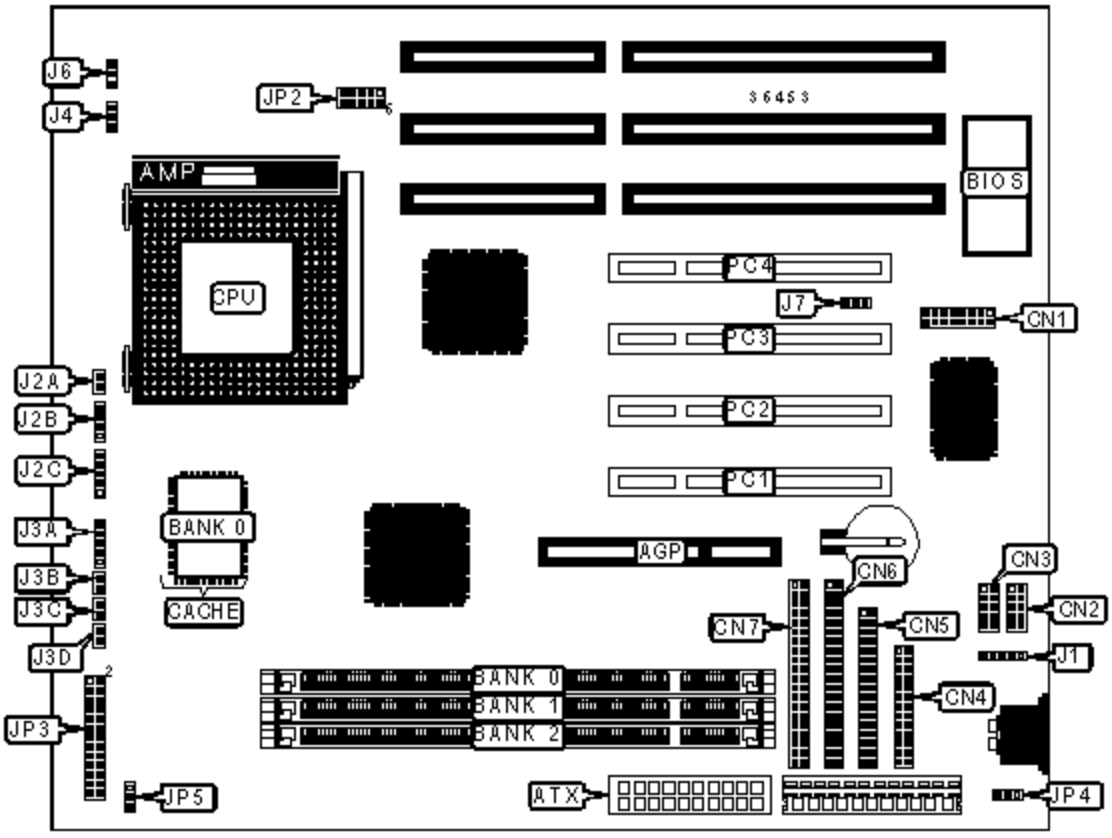
EPOX COMPUTER CO., LTD.

EP-58MVP3C-M

Device Type	Mainboard
Processor	CX 6X86MX/CX MII/IBM MII/IDT C6/AM K5/AM K6/Pentium/ Pentium MMX
Processor Speed	133/150/166/200/233/250/266/300/333MHz
Chip Set	VIA MVP3
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	1024KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Speaker	J2B
ATX power connector	ATX	Power LED & keylock	J2C
USB connector	CN1	IR connector	J3A
Serial port 2	CN2	IDE interface LED	J3B
Serial port 1	CN3	Turbo LED	J3C
Parallel port	CN4	Soft off power supply	J3D

Parallel port	CN4	Soft off power supply	J3B
Floppy drive interface	CN5	CPU fan power	J4
IDE interface 1	CN6	Chassis fan power	J6
IDE interface 2	CN7	Wake on LAN connector	J7
PS/2 mouse interface	J1	32-bit PCI slots	PC1 – PC3
Reset switch	J2A	SCSI interface	

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Keyboard power on disabled	JP4	Pins 1 & 2 closed
	Keyboard power on enabled	JP4	Pins 2 & 3 closed
»	SDRAM clock = CPU clock	JP5	Pins 1 & 2 closed
	SDRAM clock = AGP clock	JP5	Pins 2 & 3 closed

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

48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)			
Size	**Bank 0**	**Bank 1**	**Bank 2**
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64

152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.			

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

CPU SPEED SELECTION (CX 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed

CPU SPEED SELECTION (IBM 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed

166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
166MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed
200MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 21 & 22 closed
233MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 23 & 24 closed
266MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed
266MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
166MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed
200MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 21 & 22 closed
233MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 23 & 24 closed
266MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed
266MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed

CPU SPEED SELECTION (IDT C6)			

CPU SPEED SELECTION (IDT C6)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
180MHz	60MHz	3x	Pins 5 & 6, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
225MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed

CPU SPEED SELECTION (AM K5)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
133MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
150MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
166MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed

CPU SPEED SELECTION (AM K6)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
233MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed
266MHz	66MHz	4x	Pins 9 & 10, 19 & 20 closed
300MHz	75MHz	4x	Pins 9 & 10, 21 & 22 closed
333MHz	83MHz	4x	Pins 9 & 10, 23 & 24 closed

CPU SPEED SELECTION (INTEL)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
133MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
150MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
166MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
180MHz	60MHz	3x	Pins 5 & 6, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed

200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
233MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed

CPU VOLTAGE SELECTION	
Voltage	**JP2**
2.1v	Pins 1 & 6 closed
2.2v	Pins 2 & 7 closed
2.4v	Pins 3 & 8 closed
2.9v	Pins 4 & 9 closed
3.2v	Pins 5 & 10 closed