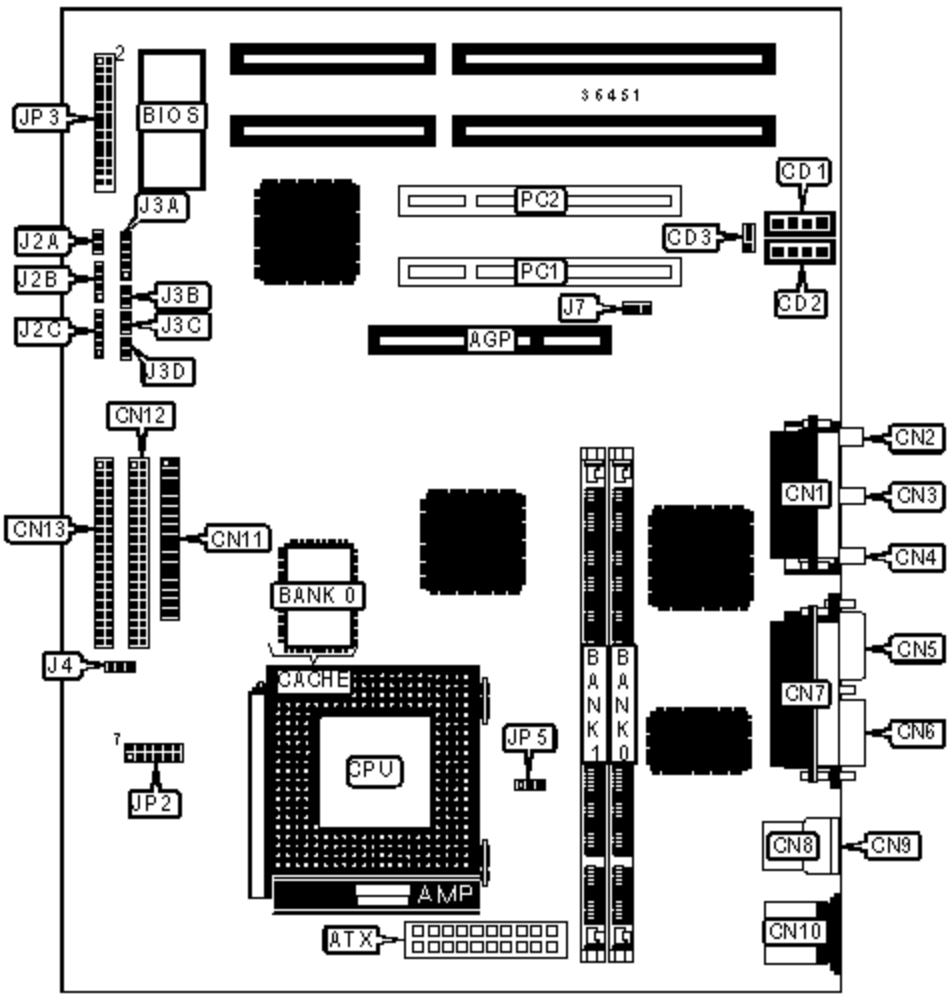
EPOX COMPUTER CO., LTD.

EP-51MVP3F-A

Device Type	Mainboard
Processor	CX 6X86MX/CX MII/IBM MII/IDT C6/AM K5/AM K6/Pentium/ Pentium MMX
Processor Speed	166/200/233/250/266/300/333/350/366/400/450/500MHz
Chip Set	VIA MVP3
Maximum Onboard Memory	256MB (EDO supported)
Audio Chip Set	Yamaha
Cache	512KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (2), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (3), wake on LAN connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	PS/2 mouse port	CN10
ATX power connector	ATX	Floppy drive interface	CN11
Audio in - CD-ROM	CD1	IDE interface 1	CN12

Audio in - CD-ROM	CD2	IDE interface 2	CN13
Audio in - CD-ROM	CD3	Reset switch	J2A
Game/MIDI port	CN1	Speaker	J2B
Microphone in	CN2	Power LED & keylock	J2C
Line in	CN3	IR connector	J3A
Line out	CN4	IDE interface LED	J3B
Serial port 2	CN5	Turbo LED	J3C
Serial port 1	CN6	Soft off power supply	J3D
Parallel port	CN7	CPU fan power	J4
USB connector 1	CN8	Wake on LAN connector	J7
USB connector 2	CN9	32-bit PCI slots	PC1 - PC2

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	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**
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO memory.		

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

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
200MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	75MHz	3x	Pins 5 & 6, 19 & 20 closed
300MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed
333MHz	100MHz	2.5x	Pins 3 & 4, 25 & 26 closed
333MHz	83MHz	3x	Pins 5 & 6, 21 & 22 closed

333MHz	75MHz	3.5x	Pins 7 & 8, 19 & 20 closed
333MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed
350MHz	100MHz	3x	Pins 5 & 6, 25 & 26 closed
350MHz	83MHz	3.5x	Pins 7 & 8, 21 & 22 closed
350MHz	75MHz	4x	Pins 9 & 10, 19 & 20 closed

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
200MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	75MHz	3x	Pins 5 & 6, 19 & 20 closed
300MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed
333MHz	100MHz	2.5x	Pins 3 & 4, 25 & 26 closed
333MHz	83MHz	3x	Pins 5 & 6, 21 & 22 closed
333MHz	75MHz	3.5x	Pins 7 & 8, 19 & 20 closed
333MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed
350MHz	100MHz	3x	Pins 5 & 6, 25 & 26 closed
350MHz	83MHz	3.5x	Pins 7 & 8, 21 & 22 closed
350MHz	75MHz	4x	Pins 9 & 10, 19 & 20 closed

CPU SPEED SELECTION (CX MII)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
200MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed

266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	75MHz	3x	Pins 5 & 6, 19 & 20 closed
300MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed
333MHz	100MHz	2.5x	Pins 3 & 4, 25 & 26 closed
333MHz	83MHz	3x	Pins 5 & 6, 21 & 22 closed
333MHz	75MHz	3.5x	Pins 7 & 8, 19 & 20 closed
333MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed
350MHz	100MHz	3x	Pins 5 & 6, 25 & 26 closed
350MHz	83MHz	3.5x	Pins 7 & 8, 21 & 22 closed
350MHz	75MHz	4x	Pins 9 & 10, 19 & 20 closed

CPU SPEED SELECTION (IBM MII)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
200MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
233MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	75MHz	3x	Pins 5 & 6, 19 & 20 closed
300MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed
333MHz	100MHz	2.5x	Pins 3 & 4, 25 & 26 closed
333MHz	83MHz	3x	Pins 5 & 6, 21 & 22 closed
333MHz	75MHz	3.5x	Pins 7 & 8, 19 & 20 closed
333MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed
350MHz	100MHz	3x	Pins 5 & 6, 25 & 26 closed
350MHz	83MHz	3.5x	Pins 7 & 8, 21 & 22 closed
350MHz	75MHz	4x	Pins 9 & 10, 19 & 20 closed

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed

CPU SPEED SELECTION (AM K5)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed

CPU SPEED SELECTION (AM K6)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed
300MHz	66MHz	4.5x	Pins 11 & 12, 17 & 18 closed
333MHz	66MHz	5x	Pins 13 & 14, 25 & 26 closed

CPU SPEED SELECTION (INTEL)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
233MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed

CPU VOLTAGE SELECTION	
Voltage	**JP2**
2.1v	Pins 1 & 7 closed
2.2v	Pins 2 & 8 closed
2.4v	Pins 3 & 9 closed
2.8v	Pins 4 & 10 closed
2.9v	Pins 5 & 11 closed
3.2v	Pins 6 & 12 closed