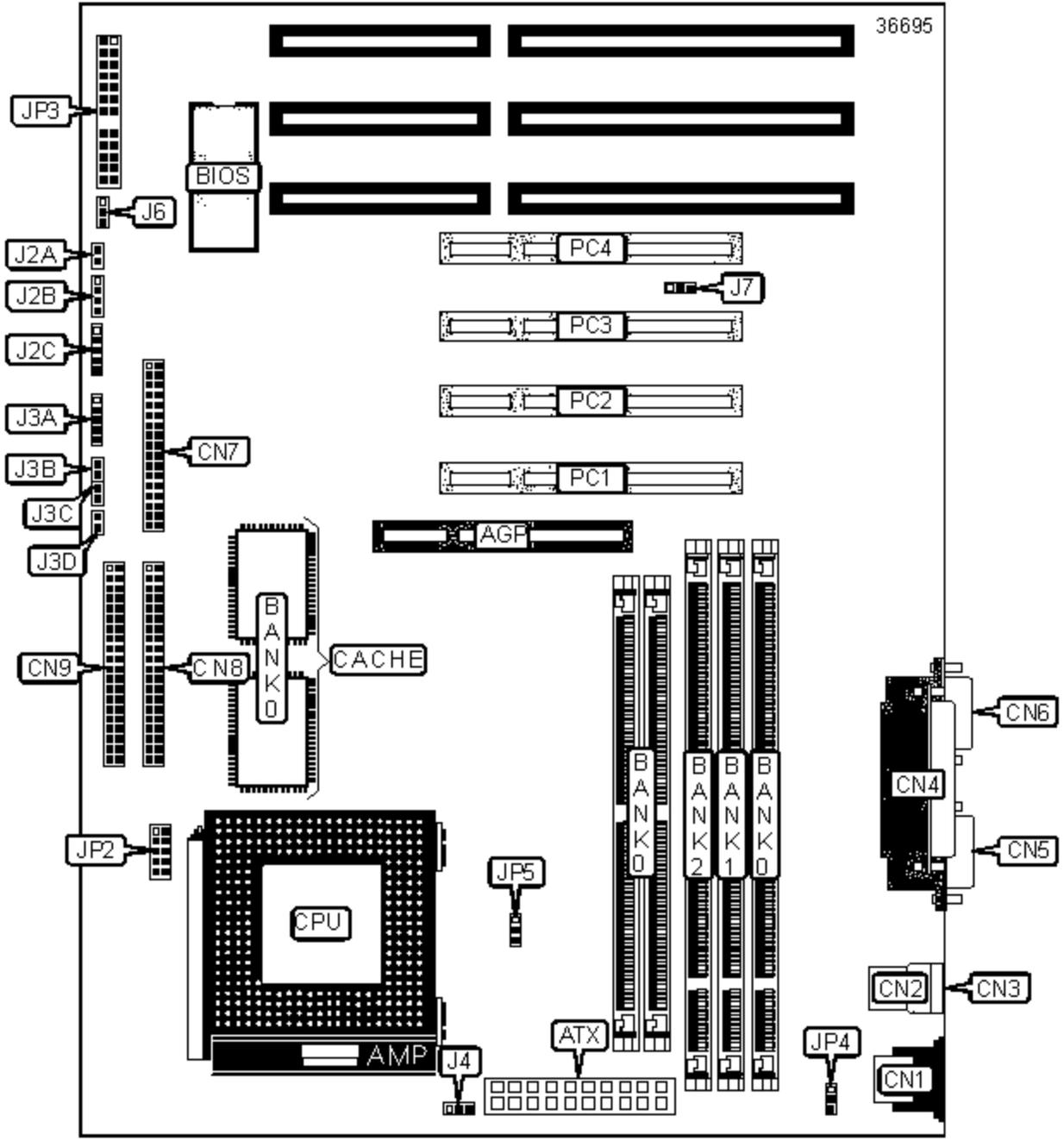


EPOX COMPUTER CO., LTD.

EP-51MVP3E-M

Device Type	Mainboard
Processor	CX 6X86L/CX 686MX/AM K5/AM K6/IDT C6/Pentium/Pentium MMX
Processor Speed	133/150/166/180/188/200/210/225/233/266/300/333/350/400MHz
Chip Set	VIA
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	1024KB
BIOS	Award
Dimensions	Unidentified
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 ports (2), ATX power connector, AGP slot



CONNECTIONS

Purpose	Location	Purpose	Location

AGP slot	AGP	Reset switch	J2A
ATX power connector	ATX	PC speaker	J2B
PS/2 mouse port	CN1	Power LED & keylock	J2C
USB port 1	CN2	IR connector	J3A
USB port 2	CN3	IDE interface LED	J3B
Parallel port	CN4	Turbo LED	J3C
Serial port 1	CN5	Power switch	J3D
Serial port 2	CN6	CPU fan power	J4
Floppy drive interface	CN7	Chassis fan power	J6
IDE interface 1	CN8	Wake-on-LAN connector	J7
IDE interface 2	CN9	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Power-on keyboard enabled	JP4	Pins 2 & 3 closed
	Power-on keyboard disabled	JP4	Pins 1 & 2 closed
»	SDRAM clock speed set to 66MHz	JP5	Pins 1 & 2 closed
	SDRAM clock speed set to equal CPU bus clock speed	JP5	Pins 2 & 3 closed

SIMM CONFIGURATION

Size	Bank 0
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
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8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M 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) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.
Note: DIMM Bank 3 can not be used if SIMM memory is installed on the board

CPU SPEED SELECTION (CX 6X68L)			
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 (CX 6X68MX)			
CPU speed	Clock speed	Multiplier	JP3
166MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
200MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed
233MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed
266MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 23 & 24 closed

CPU SPEED SELECTION (IBM 6X68L)			
CPU speed	Clock speed	Multiplier	JP3
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed

200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed
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CPU SPEED SELECTION (IBM 6X68MX)			
CPU speed	Clock speed	Multiplier	JP3
166MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
166MHz	66MHz	2x	Pins 1 & 2, 19 & 20 closed
200MHz	66MHz	2.5x	Pins 3 & 4, 19 & 20 closed
200MHz	75MHz	2x	Pins 1 & 2, 21 & 22 closed
233MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 21 & 22 closed
266MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed
266MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 23 & 24 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

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	Pins 5 & 6, 19 & 20 closed
225MHz	75MHz	3x	Pins 5 & 6, 21 & 22 closed
240MHz	60MHz	4x	Pins 9 & 10, 17 & 18 closed

CPU SPEED SELECTION (PENTIUM)

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
150MHz	75MHz	2x	Pins 1 & 2, 21 & 22 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

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JP3
150MHz	60MHz	2.5x	Pins 3 & 4, 17 & 18 closed
150MHz	75MHz	2x	Pins 1 & 2, 21 & 22 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
233MHz	66MHz	3.5x	Pins 7 & 8, 19 & 20 closed

CPU VOLTAGE SELECTION

Voltage	JP2/Pins 1 & 2	JP2/Pins 3 & 4	JP2/Pins 5 & 6	JP2/Pins 7 & 8	JP2/Pins 9 & 10
2.1V	Closed	Open	Open	Open	Open

2.2V	Open	Closed	Open	Open	Open
2.8V	Open	Open	Closed	Open	Open
2.9V	Open	Open	Open	Closed	Open
3.2V	Open	Open	Open	Open	Closed