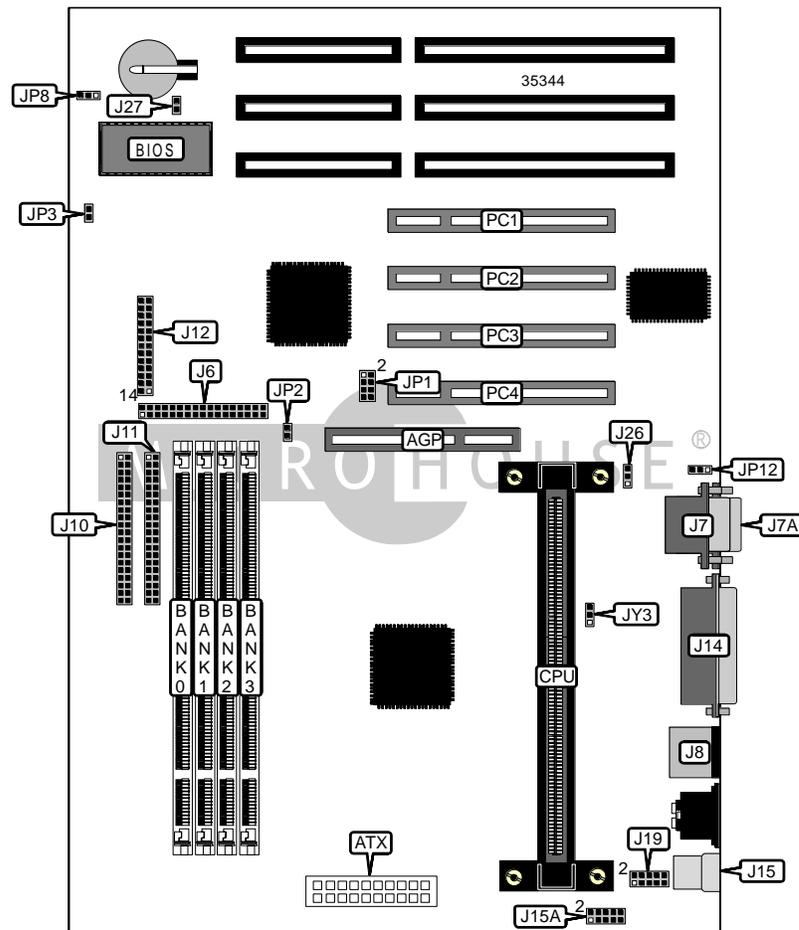


BIOSTAR MICROTECH INTERNATIONAL CORPORATION

M6TLA (VER. 1.1)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	VCC ground	J12/pins 14 & 15
ATX power connector	ATX	Green PC connector	J12/pins 16 & 17
Floppy drive interface	J6	IDE interface LED	J12/pins 18 - 21
Serial port 2	J7	IR connector	J12/pins 22 - 26
Serial port 1	J7A	Parallel port	J14
PS/2 mouse port	J8	USB connector	J15
IDE interface 1	J10	USB connector	J15A
IDE interface 2	J11	Wake on LAN connector	J26
Speaker	J12/pins 1 - 4	Wake on modem connector	J27
Power LED & keylock	J12/pins 5 - 9	ATX power on switch	JP3
Soft off power supply	J12/pins 10 & 11	CPU fan power	JY3
Reset switch	J12/pins 12 & 13	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
In order queue depth enabled	JP2	Open
In order queue depth disabled	JP2	Closed
CMOS memory normal operation	JP8	Pins 1 & 2 closed
CMOS memory clear	JP8	Pins 2 & 3 closed
On board battery disabled	JP8	Open
External modem COM select COM1	JP12	Pins 1 & 2 closed
External modem COM select COM2	JP12	Pins 2 & 3 closed

DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64			
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64			

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64			
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64			
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
304MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
352MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64			
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64			
Note: Board accepts EDO & SDRAM memory. Maximum SDRAM is 512MB. Maximum EDO is 1GB.				

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

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M6TLA (VER. 1.1)

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CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	JP1/ pins 1 & 2	JP1/ pins 3 & 4	JP1/ pins 5 & 6	JP1/ pins 7 & 8
200MHz	66MHz	3x	Open	Closed	Open	Closed
233MHz	66MHz	3.5x	Open	Open	Open	Closed
266MHz	66MHz	4x	Open	Closed	Closed	Open
300MHz	66MHz	4.5x	Open	Open	Closed	Open

CPU VOLTAGE SELECTION					
Voltage	J19/pins 1 & 2	J19/pins 3 & 4	J19/pins 5 & 6	J19/pins 7 & 8	J19/pins 9 & 10
Auto detect	Open	Open	Open	Open	Open
2.1	Closed	Open	Open	Open	Open
2.2	Open	Closed	Open	Open	Open
2.3	Closed	Closed	Open	Open	Open
2.4	Open	Open	Closed	Open	Open
2.5	Closed	Open	Closed	Open	Open
2.6	Open	Closed	Closed	Open	Open
2.7	Closed	Closed	Closed	Open	Open
2.8	Open	Open	Open	Closed	Open
2.9	Closed	Open	Open	Closed	Open
3.0	Open	Closed	Open	Closed	Open
3.1	Closed	Closed	Open	Closed	Open
3.2	Open	Open	Closed	Closed	Open
3.3	Closed	Open	Closed	Closed	Open
3.4	Open	Closed	Closed	Closed	Open
3.5	Closed	Closed	Closed	Closed	Open