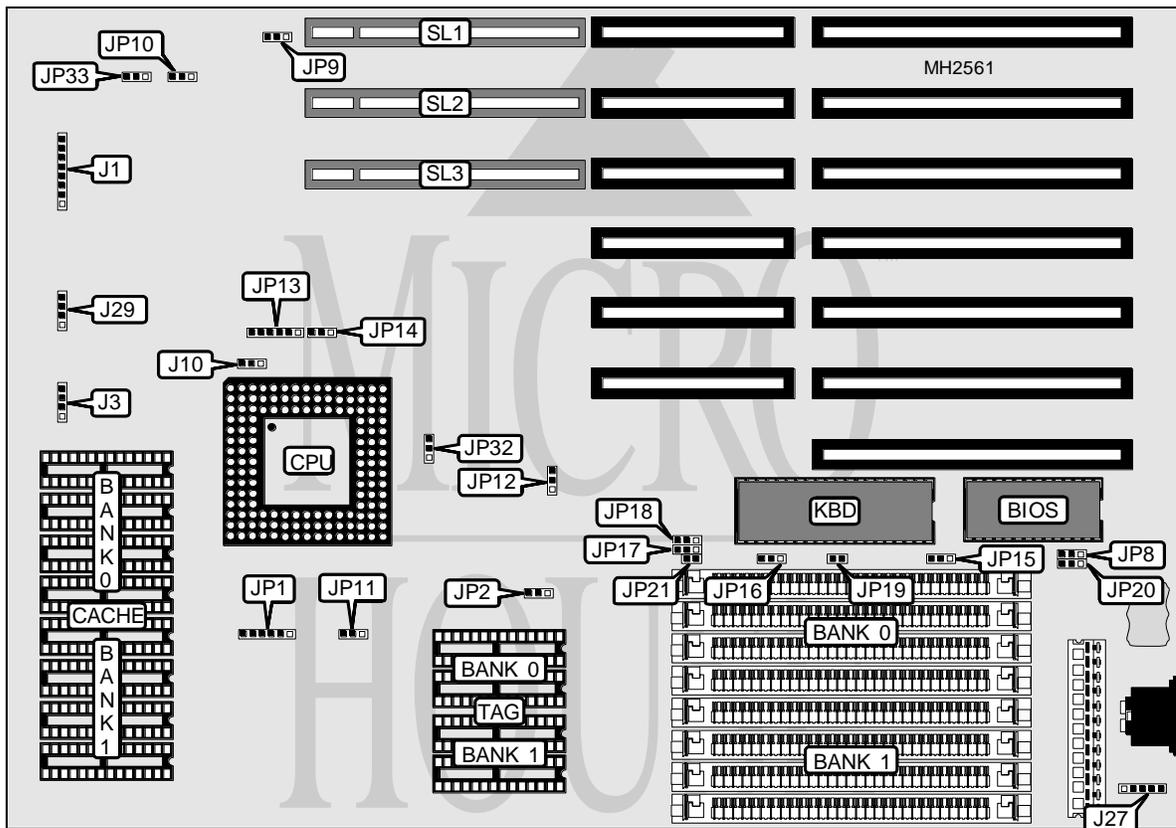


VTECH INDUSTRIES, INC.

486 SERIES (MINI CASE) ASIC II (3 VESA SLOTS)

Processor	80486SX/80486DX/ODP486SX/80486DX2/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	32MB
Cache	128/256KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (3), PS/2 mouse connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Front panel connector	J1	PS/2 mouse connector	J27
External battery	J3	Speaker	J29
Processor power connector	J10	32-bit VESA local bus slots	SL1 - SL3

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486 SERIES (MINI CASE) ASIC II (3 VESA SLOTS)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JP8	pins 1 & 2 closed
Battery type select external	JP8	pins 2 & 3 closed
í VESA card select supports write back cache	JP10	pins 1 & 2 closed
VESA card select does not support write back cache	JP10	pins 2 & 3 closed
í Factory configured - do not alter	JP14	pins 1 & 2 closed
í Monitor type select CGA/EGA/VGA	JP19	Closed
Monitor type select MDA/EGA/VGA	JP19	Open
í CMOS memory normal operation	JP20	pins 1 & 2 closed
CMOS memory clear	JP20	pins 2 & 3 closed
í Mouse IRQ12 disabled	JP21	Open
Mouse IRQ12 enabled	JP21	Closed
í CPU type select all	JP32	Open
CPU type select Pentium Overdrive	JP32	pins 2 & 3 closed
í Factory configured - do not alter	JP33	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG (Bank 0)	TAG (Bank 1)
128KB	(4) 32K x 8	NONE	(2) 8K x 8	(2) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(2) 8K x 8	(2) 8K x 8

CACHE JUMPER CONFIGURATION	
Size	JP2
128KB	pins 1 & 2 closed
256KB	pins 2 & 3 closed

CPU UPGRADE CONFIGURATION	
Type	JP1
None installed	pins 1 & 2 closed
SX/DX/DX2 series installed	pins 2 & 3, 4 & 5 closed
Overdrive series installed	pins 1 & 2, 5 & 6 closed
Note: There is a PQFP CPU installed but the location is unidentified. These CPU types are installed in the PGA socket.	

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486 SERIES (MINI CASE) ASIC II (3 VESA SLOTS)

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CPU SPEED CONFIGURATION	
Speed	JP13
25MHz	pins 5 & 6 closed
33MHz	pins 1 & 2, 3 & 4 closed
50MHz	pins 5 & 6 closed
66MHz	pins 1 & 2, 3 & 4 closed

CPU SPEED CONFIGURATION	
Speed	JP11
2x	pins 1 & 2 closed
2.5x	pins 2 & 3 closed
3x	Open

BUS SPEED CONFIGURATION	
CPU speed	JP9
<= 33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed

KEYBOARD CONFIGURATION					
Type	JP12	JP15	JP16	JP17	JP18
Internal	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
External	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.