EDOM INTERNATIONAL CORPORATION
486VL3H (MV045)

Processor	CX486SX/AM486SX/UMC U5/80486SX/CX486DX/AM486DX/80486DX/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Hint
Max. Onboard DRAM	64MB
Cache	128/256/512/1024KB
BIOS	Award
Dimensions	254mm x 220mm
I/O Options	32-bit VESA local bus slots (3)
NPU Options	None
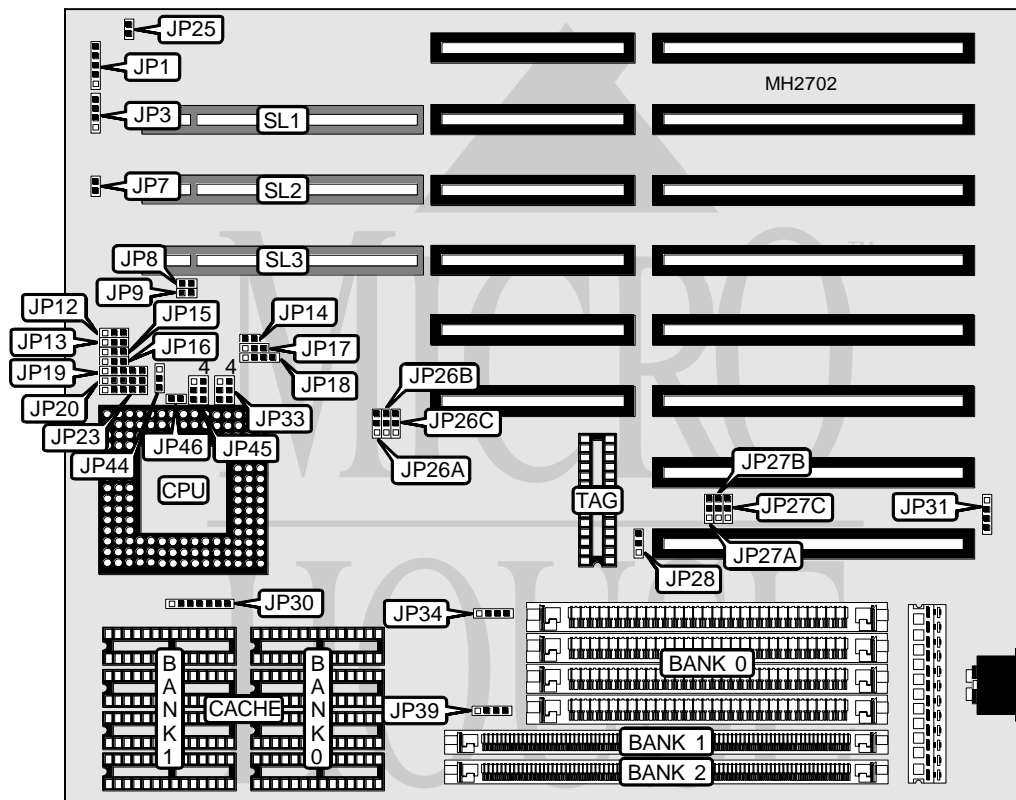
CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JP1	Turbo LED	JP25
Speaker	JP3	External battery	JP31
Reset switch	JP7	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP17	N/A
í CMOS memory normal operation	JP31	pins 1 & 2 closed
CMOS memory clear	JP31	pins 2 & 3 closed
Battery type select external	JP31	Closed
í CPU type select Intel/AMD	JP44	pins 1 & 2 closed
CPU type select Cyrix	JP44	pins 2 & 3 closed
í CPU type select all	JP46	Open
CPU type select AMD486DX2 only	JP46	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	NONE	(1) 2M x 36	NONE
8MB	NONE	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
12MB	NONE	(1) 2M x 36	(1) 1M x 36
12MB	NONE	(1) 1M x 36	(1) 2M x 36
12MB	(4) 1M x 9	NONE	(1) 2M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	(4) 1M x 9	(1) 1M x 36	(1) 2M x 36
16MB	NONE	(1) 4M x 36	NONE
16MB	NONE	(1) 2M x 36	(1) 2M x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	NONE	(1) 4M x 36	(1) 1M x 36
20MB	NONE	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(1) 4M x 36	(1) 1M x 36
24MB	(4) 4M x 9	NONE	(1) 2M x 36
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	NONE	(1) 8M x 36	NONE
36MB	(4) 1M x 9	NONE	(1) 8M x 36
36MB	(4) 4M x 9	(1) 4M x 36	(1) 1M x 36
36MB	(4) 4M x 9	(1) 1M x 36	(1) 4M x 36
36MB	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
36MB	NONE	(1) 8M x 36	(1) 1M x 36
40MB	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
48MB	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
48MB	NONE	(1) 8M x 36	(1) 4M x 36
48MB	(4) 4M x 9	NONE	(1) 8M x 36
64MB	NONE	(1) 16M x 36	NONE
64MB	(4) 16M x 9	NONE	NONE

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DRAM JUMPER CONFIGURATION	
Type	JP39
Bank 0 = 30 pin SIMM	pins 2 & 3 closed
Bank 0 = 72 pin SIMM	pins 1 & 2, 3 & 4 closed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8
256KB	(4) 64K x 8	NONE	(1) 8K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP28	JP30	JP34
128KB	2 & 3	1 & 2, 3 & 4, 5 & 6	Open
256KB	1 & 2	1 & 2, 3 & 4, 5 & 6	Open
256KB	1 & 2	2 & 3, 4 & 5, 6 & 7	Open
512KB	1 & 2	1 & 2, 3 & 4, 5 & 6	3 & 4
512KB	1 & 2	2 & 3, 4 & 5, 6 & 7	3 & 4
1MB	1 & 2	2 & 3, 4 & 5, 6 & 7	1 & 2, 3 & 4
Note: Pins designated should be in the closed position.			

CPU TYPE CONFIGURATION					
Type	JP12	JP13	JP14	JP15	JP16
AMD	1 & 2	Open	Open	Open	Open
UMC	1 & 2	Open	Open	Open	Open
Cyrix	2 & 3	2 & 3	Open	2 & 3	2 & 3
Intel SX	1 & 2	1 & 2	Open	1 & 2	1 & 2
Intel DX	1 & 2	1 & 2	Open	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION (CON'T)				
Type	JP18	JP19	JP20	JP23
AMD	pins1 & 2, 3 & 4 closed	pins 4 & 5 closed	pins 4 & 5 closed	pins 4 & 5 closed
UMC	pins1 & 2, 3 & 4 closed	pins 4 & 5 closed	pins 4 & 5 closed	pins 4 & 5 closed
Cyrix	pins1 & 2, 3 & 4 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Intel SX	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Intel DX	pins1 & 2, 3 & 4 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

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CPU TYPE CONFIGURATION			
Type	JP27A	JP27B	JP27C
Cyrix	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
AMD	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
Intel SL	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
Intel	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Pentium Overdrive	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION (MX-8513)			
Speed	JP26A	JP26B	JP26C
25MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
33MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
50iMHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
50MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
66iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
75iMHz	Open	pins 2 & 3 closed	Open
100iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION (AV9107-03)			
Speed	JP26A	JP26B	JP26C
25MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
33MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
40MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
50iMHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
50MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
66iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
75iMHz	pins 2 & 3 closed	Open	pins 2 & 3 closed
100iMHz	pins 2 & 3 closed	pins 2 & 3 closed	Open

CPU VOLTAGE CONFIGURATION	
Voltage	JP33
3v	pins 1 & 2, 4 & 5 closed
5v	pins 2 & 3, 5 & 6 closed

CPU VOLTAGE CONFIGURATION	
Voltage	JP45
3.3v	pins 3 & 6 closed
3.45v	pins 2 & 5 closed
4v	pins 1 & 4 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP9
0 wait states	Open
1 wait state	Closed

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BUS SPEED CONFIGURATION	
CPU speed	JP8
<= 33MHz	Open
> 33MHz	Closed