SOYO COMPUTER CO., LTD.
486VESA VER. 4.2

Processor	CX486M6/CX486M7/80486SX/80486DX/80486DX280486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	64/128/256KB
BIOS	Award
Dimensions	254mm x 220mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None
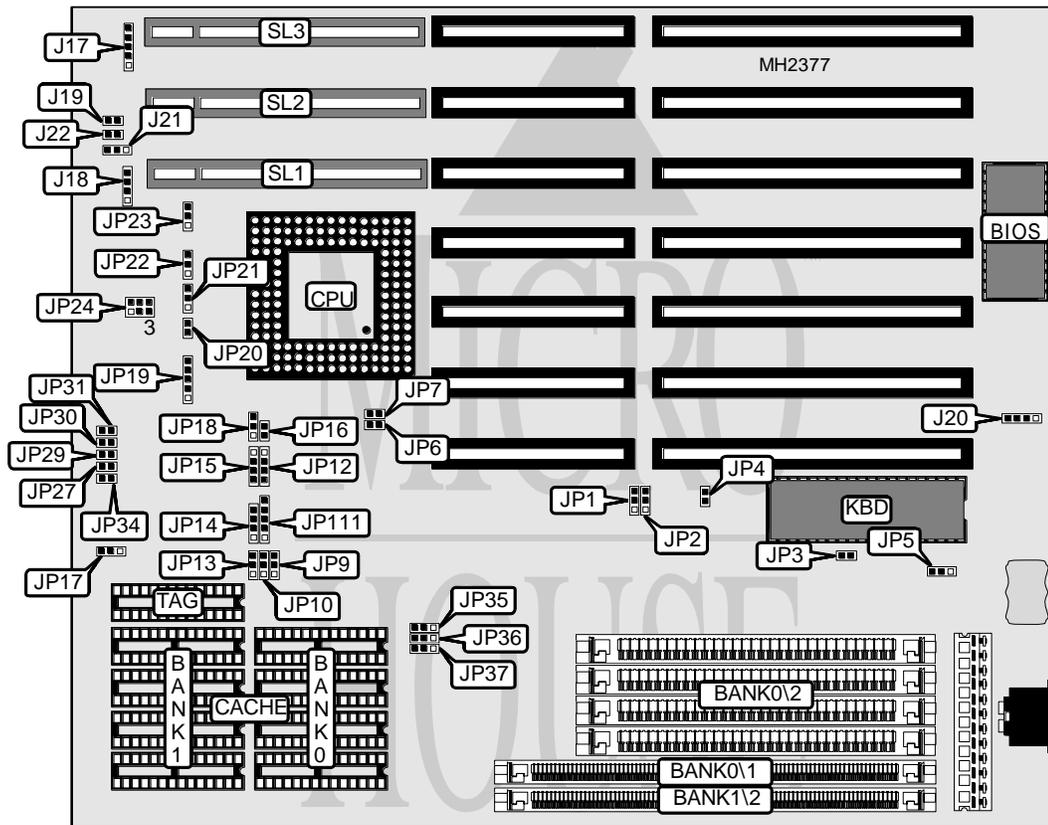
CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J17	Turbo LED	J22
Speaker	J18	Green PC connector	JP4
Reset switch	J19	Green PC connector	JP6
External battery	J20	Green PC connector	JP7
Turbo switch	J21	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP3	Open
Monitor type select color	JP3	Closed
í CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
í Factory configured - do not alter	JP17	pins 1 & 2 closed
í Factory configured - do not alter	JP27	Closed

DRAM CONFIGURATION (SETTING 1)			
Size	Bank 0	Bank 1	Bank 2
1MB	(4) 256K x 9	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE
4MB	(4) 1M x 9	NONE	NONE
5MB	(4) 256K x 9	(1) 1M x 36	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
12MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE
17MB	(4) 256K x 9	(1) 4M x 36	NONE
18MB	(4) 256K x 9	(4) 256K x 9	(1) 4M x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
24MB	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
32MB	(4) 4M x 9	(1) 4M x 36	NONE
36MB	(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
64MB	(4) 16M x 9	NONE	NONE
65MB	(4) 256K x 9	(1) 16M x 36	NONE
68MB	(4) 1M x 9	(1) 16M x 36	NONE
72MB	(4) 1M x 9	(1) 1M x 36	(1) 16M x 36
80MB	(4) 4M x 9	(1) 16M x 36	NONE
96MB	(4) 4M x 9	(1) 4M x 36	(1) 16M x 36
128MB	(4) 16M x 9	(1) 16M x 36	NONE

DRAM CONFIGURATION (SETTING 2)			
Size	Bank 0	Bank 1	Bank 2
1MB	(1) 256K x 36	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE
2MB	(1) 512K x 36	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE
4MB	(1) 1M x 36	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36
6MB	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE

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DRAM CONFIGURATION (SETTING 2 CON'T)			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 2M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 2M x 36	NONE
16MB	(1) 4M x 36	NONE	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36
18MB	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(4) 4M x 9
32MB	(1) 4M x 36	(1) 4M x 36	NONE
32MB	(1) 8M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(4) 4M x 9
36MB	(1) 1M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(4) 4M x 9
48MB	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE
64MB	(1) 16M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(4) 16M x 9
80MB	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(4) 16M x 9
128MB	(1) 16M x 36	(1) 16M x 36	NONE

DRAM JUMPER CONFIGURATION			
Setting	JP35	JP36	JP37
1	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
2	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K x 8 or (1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 16K x 8 or (1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP9	JP10	JP13
64KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
128KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed

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CPU TYPE CONFIGURATION						
Type	JP1	JP2	JP12	JP14	JP15	JP16
CX486 (M6)	1 & 2	2 & 3	1 & 2	2 & 3	Open	Open
CX486 (M7)	1 & 2	2 & 3	1 & 2	1 & 2, 3 & 4	2 & 3	Open
80486SX	2 & 3	1 & 2	2 & 3	2 & 3	Open	Open
80486DX	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3	Open
80486DX2	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3	Open
P24D	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3	Closed
80486DX4	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3	Open
P24T	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	1 & 2	Open
Note: Pins designated should be in the closed position.						

CPU TYPE CONFIGURATION (CON'T)						
Type	JP18	JP19	JP20	JP21	JP22	JP23	JP111
CX486 (M6)	2 & 3	2 & 3	Open	Open	2 & 3	2 & 3	2 & 3
CX486 (M7)	2 & 3	2 & 3	Open	Open	2 & 3	2 & 3	2 & 3
80486SX	2 & 3	4 & 5	Open	1 & 2	Open	Open	3 & 4
80486DX	2 & 3	4 & 5	Open	1 & 2	Open	Open	3 & 4
80486DX2	2 & 3	4 & 5	Open	1 & 2	Open	Open	3 & 4
P24D	1 & 2	4 & 5	Closed	2 & 3	1 & 2	Open	1 & 2, 3 & 4
80486DX4	2 & 3	Open	Open	1 & 2	Open	Open	3 & 4
P24T	1 & 2	1 & 2	Open	Open	1 & 2	1 & 2	3 & 4
Note: Pins designated should be in the closed position.						

CPU SPEED CONFIGURATION				
Speed	JP29	JP30	JP31	JP34
25MHz	Closed	Open	Closed	Closed
33MHz	Open	Closed	Closed	Closed
40MHz	Closed	Open	Open	Closed
50iMHz	Closed	Open	Closed	Closed
50MHz	Open	Closed	Open	Closed
66iMHz	Open	Closed	Closed	Closed
75iMHz	Closed	Open	Closed	Open
100iMHz	Open	Closed	Closed	Open

CPU VOLTAGE CONFIGURATION	
Voltage	JP24
3.3v	pins 1 & 2, 4 & 5 closed
5.0v	pins 2 & 3, 5 & 6 closed