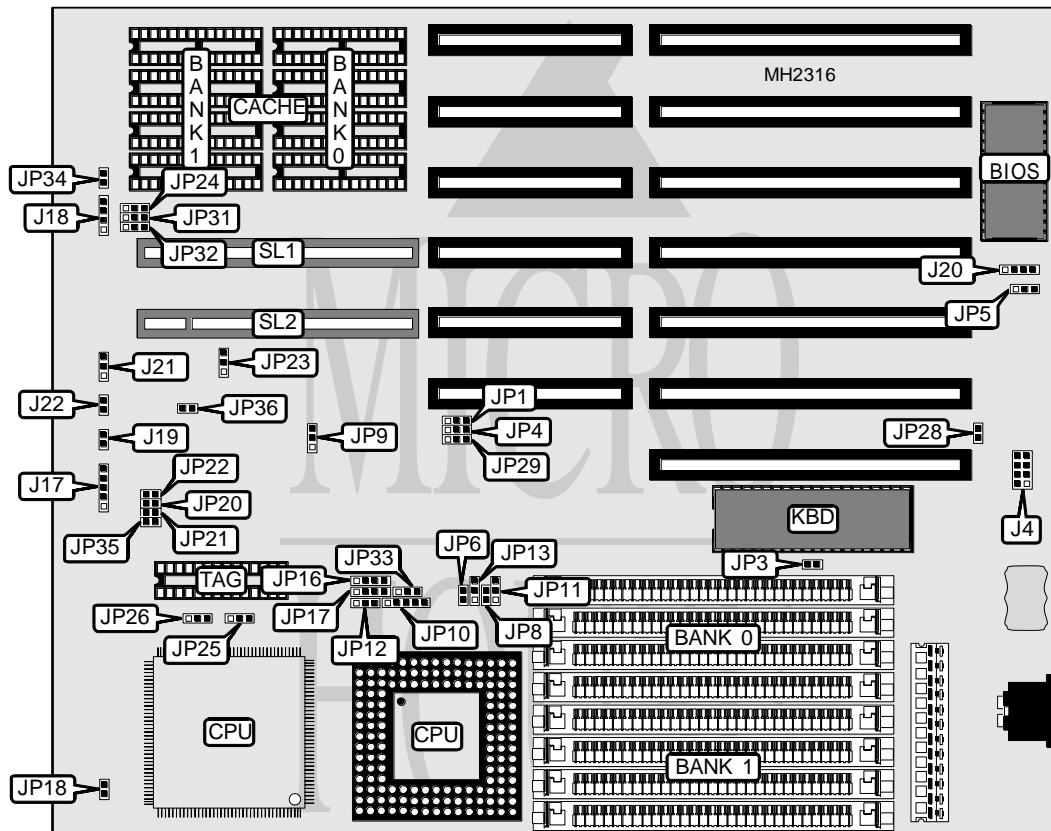


# SOYO COMPUTER CO., LTD.

## 486 VESA GREEN MAINBOARD

<b>Processor</b>	CX486S/80486SX/CX486DX/80486DX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	254mm x 220mm
<b>I/O Options</b>	32-bit VESA local bus slots (2), green PC connector
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Green PC connector	J4	Turbo switch	J21
Power LED & keylock	J17	Turbo LED	J22
Speaker	J18	Green PC connector	JP28
Reset switch	J19	Green PC connector	JP34
External battery	J20	32-bit VESA local bus slots	SL1 & SL2

Continued on next page. . .

**SOYO COMPUTER CO., LTD.**  
**486 VESA GREEN MAINBOARD**

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP3	Open
Monitor type select color/EGA/VGA	JP3	Closed
í CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
í CPU type select PGA	JP18	Closed
CPU type select PQFP	JP18	Open
í Factory configured - do not alter	JP23	Open
í Factory configured - do not alter	JP31	Open
í Factory configured - do not alter	JP32	Open
í Factory configured - do not alter	JP35	Open
í Factory configured - do not alter	JP36	Open

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
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE
68MB	(4) 1M x 9	(4) 16M x 9
80MB	(4) 4M x 9	(4) 16M x 9
128MB	(4) 16M x 9	(4) 16M x 9

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) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP24	JP25	JP26
64KB	Open	pins 1 & 2 closed	Open
128KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

Continued on next page...

# SOYO COMPUTER CO., LTD.

## 486 VESA GREEN MAINBOARD

... continued from previous page

CPU TYPE CONFIGURATION					
Type	JP1	JP4	JP6	JP8	JP9
CX486SX	1 & 2	2 & 3	Open	Open	2 & 3
80486SX	2 & 3	1 & 2	Closed	Open	2 & 3
CX486DX	1 & 2	2 & 3	Open	Closed	1 & 2
80486DX	2 & 3	1 & 2	Closed	Closed	1 & 2
80486DX2	2 & 3	1 & 2	Closed	Closed	1 & 2
Pentium Overdrive	1 & 2	1 & 2	Open	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)				
Type	JP10	JP11	JP12	JP13
CX486SX	2 & 3	2 & 3	2 & 3	Open
80486SX	4 & 5	Open	Open	Open
CX486DX	2 & 3	2 & 3	2 & 3	2 & 3
80486DX	4 & 5	Open	Open	Open
80486DX2	4 & 5	Open	Open	Open
Pentium Overdrive	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)				
Type	JP16	JP17	JP29	JP33
CX486SX	1 & 2, 3 & 4	1 & 2, 3 & 4	2 & 3	2 & 3
80486SX	2 & 3	2 & 3	1 & 2	2 & 3
CX486DX	1 & 2, 3 & 4	1 & 2, 3 & 4	1 & 2	2 & 3
80486DX	2 & 3	2 & 3	1 & 2	2 & 3
80486DX2	2 & 3	2 & 3	1 & 2	2 & 3
Pentium Overdrive	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION			
Speed	JP20	JP21	JP22
25MHz	Closed	Open	Closed
33MHz	Open	Closed	Closed
40MHz	Closed	Open	Open
50MHz	Open	Closed	Open
50MHz (Pentium Overdrive only)	Closed	Open	Closed
50iMHz	Closed	Open	Closed
66iMHz	Open	Closed	Closed