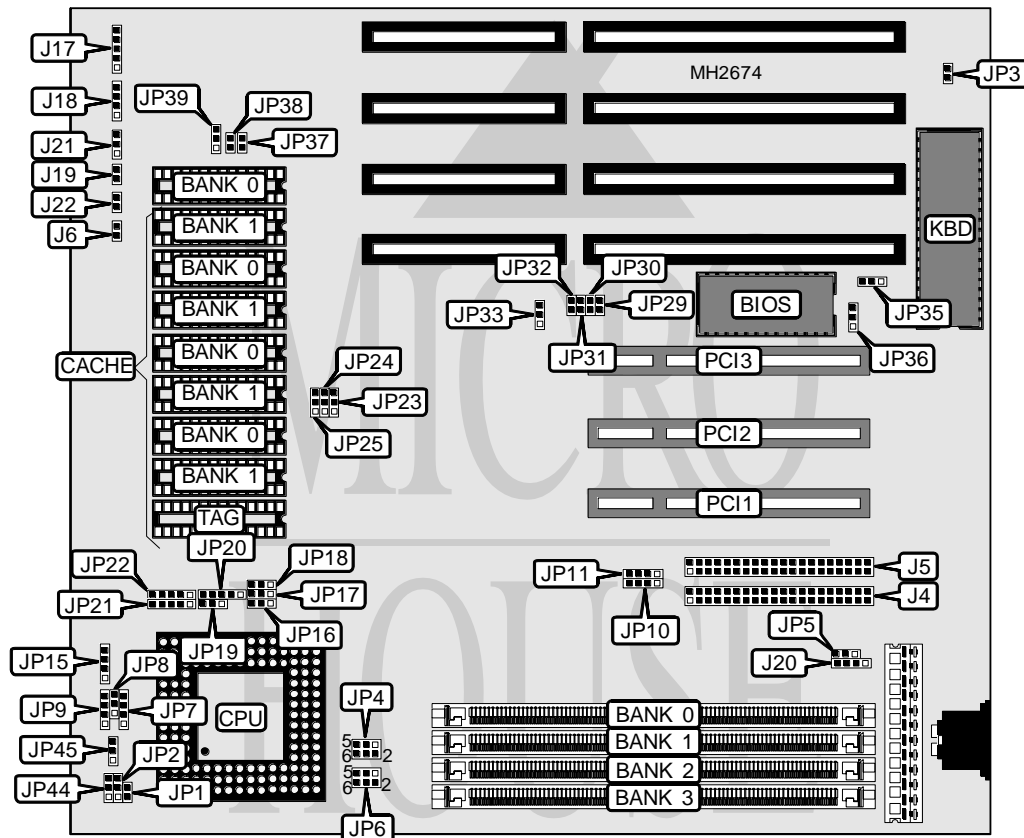


SOYO TECHNOLOGY CO., LTD.

SY-030G/H

Processor	80486SX/SL80486SX/CX486DX/U5S/80486DX/CX486DX2/AM486DX2/ 80486DX2/AM486DX4/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	256MB
Cache	256/512/1024KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (3), IDE interfaces (2), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface (primary)	J4	External battery	J20
IDE interface (secondary)	J5	Turbo switch	J21
Green PC connector	J6	Turbo LED	J22
Power LED & keylock	J17	IDE Interface LED (primary)	JP10
Speaker	J18	IDE interface LED (secondary)	JP11
Reset switch	J19	32-bit PCI slots	PCI1 - PCI3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
1 Monitor type select color	JP3	Closed
Monitor type select monochrome	JP3	Open
1 CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
1 Factory configured - do not alter	JP28	pins 2 & 3, 4 & 5 closed
1 Factory configured - do not alter	JP29	N/A
1 Factory configured - do not alter	JP35	N/A
1 Factory configured - do not alter	JP36	N/A
1 Factory configured - do not alter	JP37	N/A
1 Factory configured - do not alter	JP38	N/A
1 Factory configured - do not alter	JP39	pins 1 & 2 closed
1 Factory configured - do not alter	JP45	Open

Note: The location of JP28 is unidentified.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
70MB	(1) 16M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
88MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
112MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
132MB	(1) 16M x 36	(1) 16M x 36	(1) 512K x 36	(1) 512K x 36
144MB	(1) 16M x 36	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36
160MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36
160MB	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	
192MB	(1) 16M x 36	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36
194MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 512K x 36
200MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 2M x 36
208MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36
224MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 8M x 36
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

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

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CACHE JUMPER CONFIGURATION			
Size	JP23	JP24	JP25
256KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
1MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION					
Type	JP1	JP2	JP4	JP6	JP7
80486SX	Open	Open	1 & 3, 2 & 4	Open	3 & 4
SL80486SX	Open	Open	1 & 3, 2 & 4	Open	3 & 4
CX486DX (5v)	Open	Open	1 & 3, 2 & 4	3 & 4	2 & 3
U5S	Open	Open	1 & 3, 2 & 4	Open	Open
80486DX (5v)	Open	Open	1 & 3, 2 & 4	Open	3 & 4
CX486DX2 (3.6v)	Open	Open	3 & 5, 4 & 6	3 & 4	2 & 3
CX486DX2 (4v)	Open	Open	3 & 5, 4 & 6	1 & 2	2 & 3
CX486DX2 (5v)	Open	Open	1 & 3, 2 & 4	3 & 4	2 & 3
AM486DX2 (3.45v)	Open	2 & 3	3 & 5, 4 & 6	5 & 6	3 & 4
80486DX2 (5v)	Open	Open	1 & 3, 2 & 4	Open	3 & 4
AM486DX4 (3.45v)	Open	1 & 2	3 & 5, 4 & 6	5 & 6	3 & 4
80486DX4 (3.45v)	Open	Open	3 & 5, 4 & 6	5 & 6	3 & 4
80486DX4 (5v)	Open	Open	1 & 3, 2 & 4	Open	3 & 4
P24D	Open	1 & 2	1 & 3, 2 & 4	Open	1 & 2, 3 & 4
Pentium Overdrive	Open	Open	1 & 3, 2 & 4	Open	3 & 4

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP8	JP9	JP15	JP16	JP17
80486SX	Open	2 & 3	Open	2 & 3	Open
SL80486SX	Open	2 & 3	Open	2 & 3	Open
CX486DX (5v)	2 & 3	1 & 2, 3 & 4	3 & 4	2 & 3	2 & 3
U5S	3 & 4	1 & 2, 3 & 4	1 & 2, 3 & 4	2 & 3	Open
80486DX (5v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
CX486DX2 (3.6v)	2 & 3	1 & 2, 3 & 4	3 & 4	2 & 3	2 & 3
CX486DX2 (4v)	2 & 3	1 & 2, 3 & 4	3 & 4	2 & 3	2 & 3
CX486DX2 (5v)	2 & 3	1 & 2, 3 & 4	3 & 4	2 & 3	2 & 3
AM486DX2 (3.45v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
80486DX2 (5v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
AM486DX4 (3.45v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
80486DX4 (3.45v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
80486DX4 (5v)	Open	1 & 2, 3 & 4	3 & 4	2 & 3	Open
P24D	Open	1 & 2, 3 & 4	3 & 4	1 & 2	1 & 2
Pentium Overdrive	1 & 2	1 & 2, 3 & 4	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)			
Type	JP18	JP19	JP20
80486SX	pins 1 & 2 closed	Open	pins 2 & 3 closed
SL80486SX	pins 1 & 2 closed	Open	pins 2 & 3 closed
CX486DX (5v)	pins 1 & 2 closed	Open	pins 1 & 2 closed
U5S	pins 2 & 3 closed	Open	pins 4 & 5 closed
80486DX (5v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
CX486DX2 (3.6v)	pins 1 & 2 closed	Open	pins 1 & 2 closed
CX486DX2 (4v)	pins 1 & 2 closed	Open	pins 1 & 2 closed
CX486DX2 (5v)	pins 1 & 2 closed	Open	pins 1 & 2 closed
AM486DX2 (3.45v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486DX2 (5v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
AM486DX4 (3.45v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486DX4 (3.45v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486DX4 (5v)	pins 1 & 2 closed	Open	pins 2 & 3 closed
P24D	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
Pentium Overdrive	pins 1 & 2 closed	Open	pins 2 & 3 closed

CPU TYPE CONFIGURATION (CON'T)			
Type	JP21	JP22	JP44
80486SX	pins 1 & 2 closed	pins 4 & 5 closed	Open
SL80486SX	pins 1 & 2 closed	pins 4 & 5 closed	Open
CX486DX (5v)	Open	pins 2 & 3 closed	Open
U5S	Open	Open	Open
80486DX (5v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
CX486DX2 (3.6v)	Open	pins 2 & 3 closed	Open
CX486DX2 (4v)	Open	pins 2 & 3 closed	Open
CX486DX2 (5v)	Open	pins 2 & 3 closed	Open
AM486DX2 (3.45v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
80486DX2 (5v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
AM486DX4 (3.45v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
80486DX4 (3.45v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
80486DX4 (5v)	pins 1 & 2 closed	pins 4 & 5 closed	Open
P24D	pins 2 & 3 closed	pins 4 & 5 closed	Open
Pentium Overdrive	Open	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION				
Speed	JP30	JP31	JP32	JP33
25MHz	Open	Open	Open	pins 1 & 2 closed
33MHz	Open	Closed	Closed	pins 1 & 2 closed
40MHz	Open	Open	Closed	pins 2 & 3 closed
50iMHz	Open	Open	Open	pins 1 & 2 closed
50MHz	Open	Closed	Open	pins 2 & 3 closed
66iMHz	Open	Closed	Closed	pins 1 & 2 closed
75iMHz	Open	Open	Open	pins 1 & 2 closed
80iMHz	Open	Open	Closed	pins 2 & 3 closed
100iMHz	Open	Closed	Closed	pins 1 & 2 closed