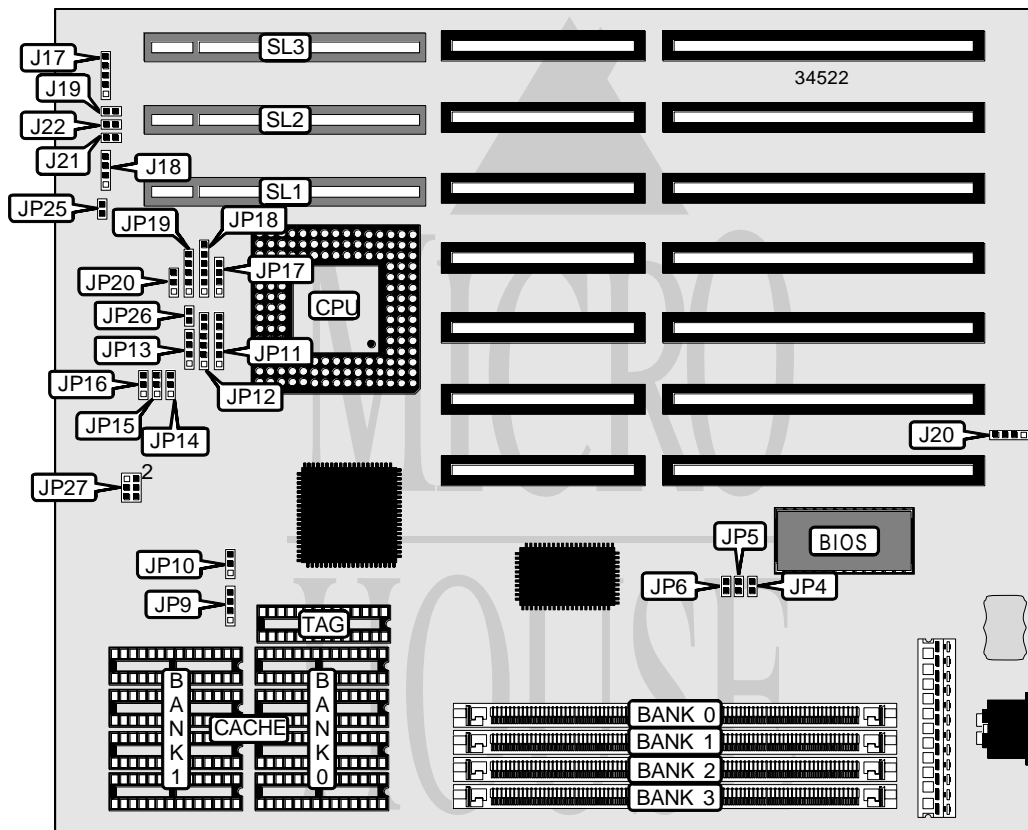


SOYO COMPUTER CO., LTD.

SY-25 T

Processor	UMCU5S/AM486SX/80486SX/CX486DX/AM486DX/AM486DXL/ 80486DX/SL80486DX/CX486DX2/AM486DX2/80486DX2/ SL80486DX2/AM486DX4/SL80486DX4/P24D/P24T
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	256KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J17	Turbo switch	J21
Speaker	J18	Turbo LED	J22
Reset switch	J19	Green PC connector	JP25
External battery	J20	32-bit VESA local bus slots	SL1 – SL3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
CMOS memory normal operation	J20	Pins 2 & 3 closed
CMOS memory clear	J20	Pins 3 & 4 closed
Battery type select external	J20	Closed

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 512K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	None
4MB	(1) 512K x 36	(1) 512K x 36	None	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	None
6MB	(1) 512K x 36	(1) 1M x 36	None	None
8MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 1M x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 2M x 36	None	None	None
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
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
12MB	(1) 1M x 36	(1) 2M x 36	None	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) 1M x 36	(1) 1M x 36	(1) 2M x 36	None
16MB	(1) 4M x 36	None	None	None
17MB	(1) 256K x 36	(1) 4M x 36	None	None
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	None
18MB	(1) 512K 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) 2M x 36	(1) 2M 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

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 4M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
28MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	None
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
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) 2M x 36	(1) 2M x 36	(1) 2M 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) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 8M 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) 4M x 36	(1) 4M x 36	(1) 8M x 36	None
64MB	(1) 16M x 36	None	None	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
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
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M 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
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

Note: Board also accepts x 32 SIMMs. Do not use any other combination of SIMM configuration.

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K/32K x 8
256KB (B)	(4) 64K x 8	None	(1) 16K/32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP9	JP10
256KB (A)	Pins 2 & 3 closed	Pins 2 & 3 closed
256KB (B)	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed

CPU SPEED SELECTION			
Speed	JP4	JP5	JP6
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
80iMHz	Open	Closed	Closed
100iMHz	Closed	Closed	Closed

CPU TYPE SELECTION					
Type	JP11	JP12	JP13	JP14	JP15
UMC U5S	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
AM486SX	Open	2 & 3	2 & 3	2 & 3	2 & 3
80486SX	Open	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX (5v)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	2 & 3	2 & 3
AM486DX	Open	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
AM486DXL (5v)	2 & 3	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
80486DX	Open	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
SL80486DX	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3	2 & 3
CX486DX2 (5v)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	2 & 3	2 & 3
CX486DX2-66 (3.6v)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2	1 & 2
CX486DX2-80 (4v)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4	1 & 2	1 & 2
AM486DX2	Open	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
AM486DX2-80 (3.45v)	Open	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
AM486DXL2 (5v)	2 & 3	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
80486DX2	Open	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
SL80486DX2	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3	2 & 3
AM486DX4 (3.45v)	Open	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
SL80486DX4 (3.45v)	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2	1 & 2
SL80486DX4 (5v)	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3	2 & 3
P24D	1 & 2, 4 & 5	1 & 2, 4 & 5	1 & 2, 3 & 4	2 & 3	2 & 3
P24T	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)				
Type	JP16	JP17	JP18	JP19
UMC U5S	2 & 3	3 & 4	1 & 2	Open
AM486SX	2 & 3	Open	Open	Open
80486SX	2 & 3	Open	Open	Open
CX486DX (5v)	2 & 3	1 & 2	2 & 3, 4 & 5	2 & 3
AM486DX	2 & 3	1 & 2	Open	Open
AM486DXL (5v)	2 & 3	1 & 2, 3 & 4	1 & 2	Open
80486DX	2 & 3	1 & 2	Open	Open
SL80486DX	2 & 3	1 & 2	5 & 6	1 & 2, 3 & 4
CX486DX2 (5v)	2 & 3	1 & 2	2 & 3, 4 & 5	2 & 3
CX486DX2-66 (3.6v)	1 & 2	1 & 2	2 & 3, 4 & 5	2 & 3
CX486DX2-80 (4v)	1 & 2	1 & 2	2 & 3, 4 & 5	2 & 3
AM486DX2	2 & 3	1 & 2	Open	Open
AM486DX2-80 (3.45v)	1 & 2	1 & 2	Open	Open
AM486DXL2 (5v)	2 & 3	1 & 2, 3 & 4	1 & 2	Open
80486DX2	2 & 3	1 & 2	Open	Open
SL80486DX2	2 & 3	1 & 2	5 & 6	1 & 2, 3 & 4
AM486DX4 (3.45v)	1 & 2	1 & 2	Open	Open
SL80486DX4 (3.45v)	1 & 2	1 & 2	5 & 6	1 & 2, 3 & 4
SL80486DX4 (5v)	2 & 3	1 & 2	5 & 6	1 & 2, 3 & 4
P24D	2 & 3	1 & 2	3 & 4, 5 & 6	1 & 2, 3 & 4
P24T	2 & 3	2 & 3	5 & 6	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION			
Type	JP20	JP26	JP27
UMC U5S	Open	Open	Open
AM486SX	Open	Open	Open
80486SX	Open	Open	Open
CX486DX (5v)	Open	Open	Open
AM486DX	Open	Open	Open
AM486DXL (5v)	Open	Open	Open
80486DX	Open	Open	Open
SL80486DX	Open	Open	Open
CX486DX2 (5v)	Open	Open	Open
CX486DX2-66 (3.6v)	Open	Open	Pins 3 & 4 closed
CX486DX2-80 (4v)	Open	Open	Pins 5 & 6 closed
AM486DX2	Open	Open	Open
AM486DX2-80 (3.45v)	Open	Closed	Pins 1 & 2 closed
AM486DXL2 (5v)	Open	Open	Open
80486DX2	Open	Open	Open
SL80486DX2	Open	Open	Open
AM486DX4 (3.45v)	Open	Open	Pins 1 & 2 closed
SL80486DX4 (3.45v)	Open	Open	Pins 1 & 2 closed
SL80486DX4 (5v)	Open	Open	Open
P24D	Open	Open	Open
P24T	Open	Open	Open

Note: Pins designated should be in the closed position.