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Processor	UMCU5S/UMCU5SD/SL80486SX/SL80486SX2/SL80486DX2/ CX486DX2/AM486DX2/AM486DXL2/SL80486DX2/SL80486DX2(ODP)/CX486DX4 /AM486DX4/AM486DX4(WB)/SL80486DX4/P24T/CX5X86
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	128/256/512/1024KB
BIOS	Award
Dimensions	279mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None
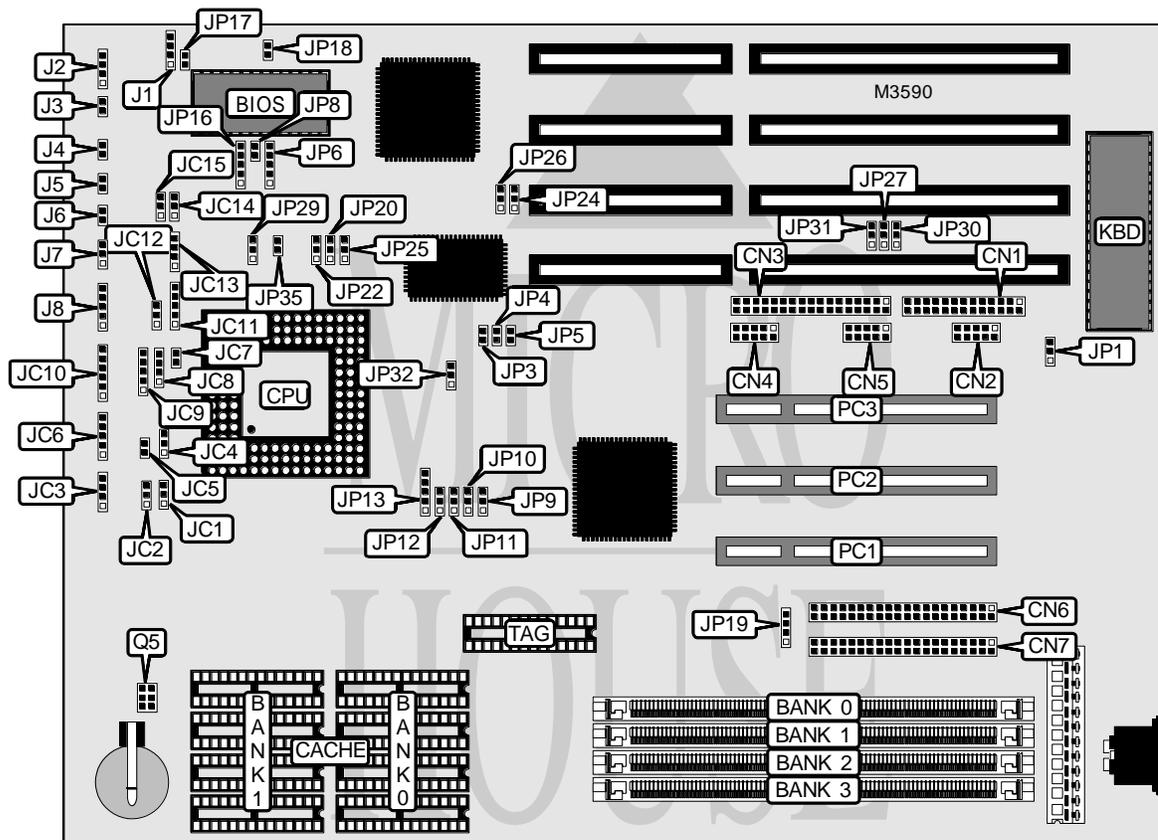
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Parallel port	CN1	Reset switch	J3
Game interface	CN2	Green PC connector	J4
Floppy drive interface	CN3	Turbo LED	J5
Serial port 2	CN4	Green PC LED	J6
Serial port 1	CN5	Turbo switch	J7
IDE interface	CN6	Power LED & keylock	J8
IDE interface	CN7	Green PC connector (I/O)	JP8
External battery	J1	32-bit PCI slots	PC1 - PC3
Speaker	J2		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	JC5	Open
CPU type select SL AM486DX4-120 WB (3v)	JC7	Open
CPU type select SL AM5X86-133 WB (3.45v)	JC7	Closed
í Factory configured - do not alter	JP1	Unidentified
í Green PC select STP.CLK	JP6	Pins 1 & 2 closed
Green PC select SMI OUT	JP6	Pins 2 & 3 closed
í Flash BIOS normal operation	JP16	Pins 2 & 3, 4 & 5 closed
Flash BIOS update at boot	JP16	Pins 1 & 2, 5 & 6 closed
í CMOS memory normal operation	JP17	Open
CMOS memory clear	JP17	Closed
í Battery type select internal	JP18	Closed
Battery type select external	JP18	Open
í Factory configured - do not alter	JP19	Unidentified
í Parallel port IRQ select IRQ7	JP30	Pins 1 & 2 closed
Parallel port IRQ select IRQ5	JP30	Pins 2 & 3 closed
í Floppy drive interface enabled	JP32	Pins 1 & 2 closed
Floppy drive interface disabled	JP32	Pins 2 & 3 closed
í Game port enabled	JP35	Closed
Game port disabled	JP35	Open

DRAM 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
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 512K x 36	(1) 512K x 36	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 1M x 36	(1) 256K x 36	None	None

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Size	Bank 0	Bank 1	Bank 2	Bank 3
DRAM CONFIGURATION (CON'T)				
5MB	(1) 256K x 36	(1) 512K x 36	(1) 512K x 36	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
9MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	None
9MB	(1) 256K x 36	(1) 2M x 36	None	None
10MB	(1) 2M x 36	(1) 512K x 36	None	None
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	None
13MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
14MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
14MB	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	None	None
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	None
20MB	(1) 4M x 36	(1) 1M x 36	None	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 8M x 36	None	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
33MB	(1) 256K x 36	(1) 8M x 36	None	None
34MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	None
34MB	(1) 8M x 36	(1) 512K x 36	None	None
36MB	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36	None
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
44MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	None
64MB	(1) 8M x 36	(1) 8M x 36	None	None
72MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	None
80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	None
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
97MB	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
98MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
100MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
104MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16M x 36	(1) 16M x 36	None	None
Note: Any SIMM can be installed in any slot.				

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K x 8
256KB (B)	(4) 64K x 8	None	(1) 16K x 8
512KB (A)	(4) 128K x 8	None	(1) 32K x 8
512KB (B)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION					
Size	JP9	JP10	JP11	JP12	JP13
128KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4
256KB (A)	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3, 4 & 5
256KB (B)	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4
512KB (A)	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4
512KB (B)	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3, 4 & 5
1MB	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3, 4 & 5
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION			
Speed	JP3	JP4	JP5
25MHz	Open	Open	Open
33MHz	Closed	Closed	Open
40MHz	Open	Closed	Open
50iMHz	Open	Open	Open
66iMHz	Closed	Closed	Open
75iMHz	Open	Open	Open
100iMHz	Closed	Closed	Open

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CPU TYPE SELECTION					
Type	**JC1**	**JC2**	**JC3**	**JC4**	**JC6**
UMC U5S	2 & 3	Open	Open	Open	Open
UMC U5SD	2 & 3	Open	Open	Open	Open
SL80486SX (5v)	2 & 3	Open	3 & 4	Open	Open
SL80486SX2 (5v)	2 & 3	Open	3 & 4	Open	Open
SL80486DX (5v)	2 & 3	Open	3 & 4	Open	Open
CX486DX2 (5v)	2 & 3	Open	2 & 3	Open	Open
AM486DX2	2 & 3	Open	Open	Open	Open
AM486DXL2 (3.3v)	2 & 3	Open	Open	Open	Open
SL80486DX2 (5v)	2 & 3	Open	3 & 4	Open	Open
SL80486DX2 (ODP)	2 & 3	Open	3 & 4	Open	Open
CX486DX4 (3.3v)	2 & 3	Open	2 & 3	Open	Open
AM486DX4 (3v)	2 & 3	Open	Open	Open	Open
AM486DX4 (WB 3v)	2 & 3	Open	1 & 2, 3 & 4	Open	4 & 5
SL80486DX4	2 & 3	Open	3 & 4	Open	Open
SL80486DX4 (3v)	2 & 3	Open	3 & 4	Open	Open
P24T	2 & 3	Open	3 & 4	1 & 2	Open
CX5X86 (3v)	2 & 3	Open	1 & 2, 3 & 4	Open	2 & 3
Note: Pins designated should be in the closed position.					

CPU TYPE SELECTION (CON'T)				
Type	**JC8**	**JC9**	**JC10**	**JC11**
UMC U5S	3 & 4	Open	1 & 2	Open
UMC U5SD	3 & 4	Open	1 & 2	Open
SL80486SX (5v)	Open	2 & 3	3 & 4	4 & 5
SL80486SX2 (5v)	Open	2 & 3	3 & 4	4 & 5
SL80486DX (5v)	Open	2 & 3	3 & 4	4 & 5
CX486DX2 (5v)	2 & 3	1 & 2	3 & 4	2 & 3
AM486DX2	Open	Open	3 & 4	Open
AM486DXL2 (3.3v)	3 & 4	4 & 5	1 & 2, 3 & 4	Open
SL80486DX2 (5v)	Open	2 & 3	3 & 4	4 & 5
SL80486DX2 (ODP)	Open	2 & 3	3 & 4	4 & 5
CX486DX4 (3.3v)	2 & 3	1 & 2	3 & 4	2 & 3
AM486DX4 (3v)	Open	Open	3 & 4	Open
AM486DX4 (WB 3v)	Open	2 & 3	3 & 4	4 & 5
SL80486DX4	Open	2 & 3	2 & 3	1 & 2
SL80486DX4 (3v)	Open	2 & 3	3 & 4	4 & 5
P24T	Open	2 & 3	2 & 3	1 & 2
CX5X86 (3v)	Open	2 & 3	3 & 4	2 & 3
Note: Pins designated should be in the closed position.				

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CPU TYPE SELECTION (CON'T)				
Type	**JC12**	**JC13**	**JC14**	**JC15**
UMC U5S	1 & 2	2 & 3	Open	Open
UMC U5SD	1 & 2	3 & 4	Open	Open
SL80486SX (5v)	1 & 2	2 & 3	Open	Open
SL80486SX2 (5v)	1 & 2	2 & 3	Open	Open
SL80486DX (5v)	1 & 2	1 & 2, 3 & 4	Open	Open
CX486DX2 (5v)	1 & 2	1 & 2, 3 & 4	2 & 3	Open
AM486DX2	Open	1 & 2, 3 & 4	Open	Open
AM486DXL2 (3.3v)	1 & 2	1 & 2, 3 & 4	Open	2 & 3
SL80486DX2 (5v)	1 & 2	1 & 2, 3 & 4	Open	Open
SL80486DX2 (ODP)	1 & 2	1 & 2, 3 & 4	Open	Open
CX486DX4 (3.3v)	1 & 2	1 & 2, 3 & 4	2 & 3	Open
AM486DX4 (3v)	Open	1 & 2, 3 & 4	Open	Open
AM486DX4 (WB 3v)	1 & 2	1 & 2, 3 & 4	1 & 2	Open
SL80486DX4	1 & 2	1 & 2, 3 & 4	Open	Open
SL80486DX4 (3v)	1 & 2	1 & 2, 3 & 4	Open	Open
P24T	1 & 2	1 & 2, 3 & 4	Open	Open
CX5X86 (3v)	1 & 2	1 & 2, 3 & 4	1 & 2	Open
Note: Pins designated should be in the closed position.				

CPU VOLTAGE SELECTION	
Voltage	**Q5**
3.3v	Open
5v	Pins 1 & 2, 3 & 4, 5 & 6 closed

DMA CHANNEL SELECTION		
Channel	**JP26**	**JP27**
1	Pins 1 & 2 closed	Pins 1 & 2 closed
í 3	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT ADDRESS SELECTION				
Setting	**JP24**	**JP25**	**JP29**	**JP31**
í EPP mode	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
LPT1 (378h)	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Any setting
ECP/EPP	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
EXT, 2 FDD	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open

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SERIAL PORT 1 ADDRESS SELECTION	
Setting	**JP20**
COM1 (3F8h)	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed

SERIAL PORT 2 ADDRESS SELECTION	
Setting	**JP22**
COM2 (2F8h)	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed