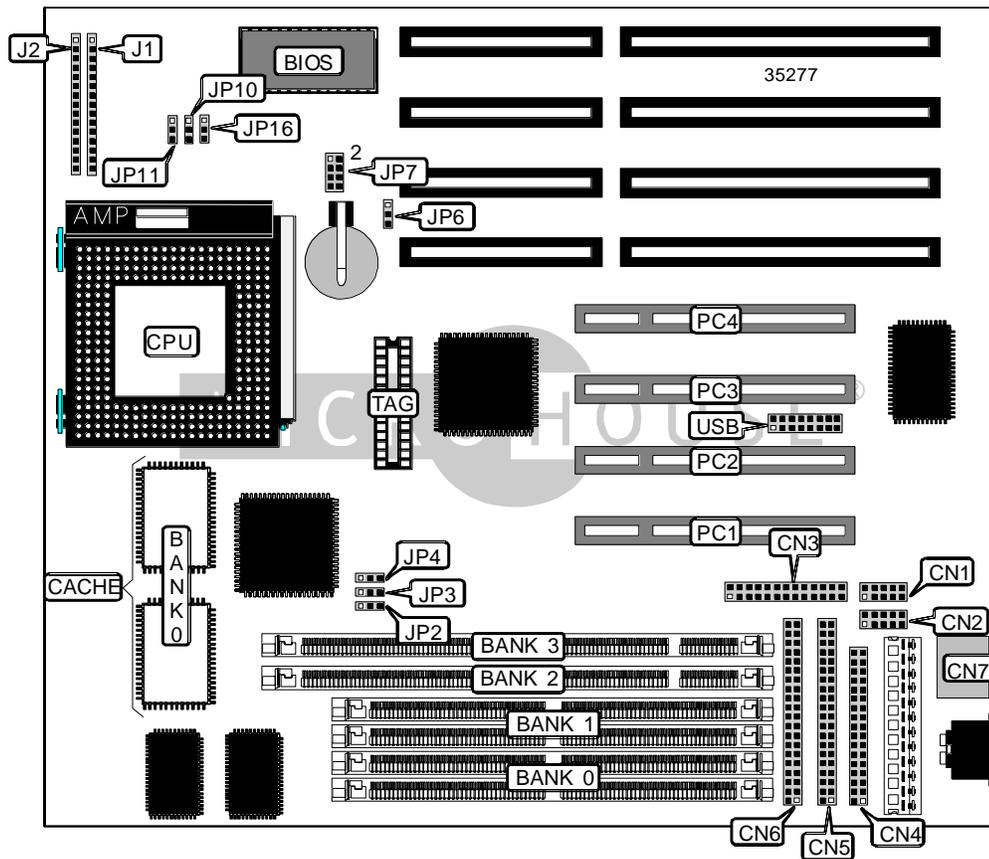


SOLTEK COMPUTER, INC.

SL-54A2-S, SL-54A5-S

Processor	CX 6X86/CX 6X86L/CX 6X86MX/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200/233/266/300/333/ 366MHz
Chip Set	Intel 430VX
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	IR connector	J1/pins 6 - 10
Serial port 1	CN2	Green PC connector	J1/pins 14 & 15
Parallel port	CN3	Speaker	J2/pins 1 - 4
Floppy drive interface	CN4	Reset switch	J2/pins 5 & 6
IDE interface 1	CN5	Power LED & keylock	J2/pins 8 - 12
IDE interface 2	CN6	Turbo LED	J2/pins 14 & 15
PS/2 mouse port	CN7	32-bit PCI slots	PC1 - PC4
IDE interface LED	J1/pins 1 - 4	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP6	Pins 1 & 2 closed
CMOS memory clear	JP6	Pins 2 & 3 closed

DIMM/DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
8MB	None	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 1M x 36	None	None	(1) 1M x 64
24MB	None	(2) 2M x 36	(1) 1M x 64	None
32MB	(2) 4M x 36	None	None	None
32MB	None	None	(1) 4M x 64	None
32MB	(2) 2M x 36	None	None	(1) 2M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None	None
40MB	(2) 4M x 36	None	None	(1) 1M x 64
48MB	(2) 2M x 36	None	None	(1) 4M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 4M x 36	None	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None	None
64MB	None	None	None	(1) 8M x 64
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 4M x 36	None	None	(1) 4M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64
72MB	(2) 8M x 36	(2) 1M x 36	None	None
72MB	(2) 8M x 36	None	None	(1) 1M x 64
80MB	None	(2) 2M x 36	(1) 8M x 64	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None

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DIMM/DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
96MB	(2) 4M x 36	None	None	(1) 8M x 64
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	None	(2) 8M x 36	(1) 4M x 64	None
128MB	None	None	(1) 8M x 64	(1) 8M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 8M x 36	None	None	(1) 8M x 64

Note: Board accepts EDO memory.

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
120MHz	50MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	Open
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	Open
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	Open
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	Open
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
120MHz	50MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	Open
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	Open
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	Open
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	Open
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
150MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	Open
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	Open
233MHz	75MHz	2.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open
266MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	Open

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	Open
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Open
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Open
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
333MHz	66MHz	5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	Open
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	Open
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	Open
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	Open
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)								
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP10	JP11	JP16
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	Open
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION	
Voltage (core)	JP7
2.0v	Open
2.1v	Pins 7 & 8 closed
2.2v	Pins 5 & 6 closed
2.3v	Pins 5 & 6, 7 & 8 closed
2.4v	Pins 3 & 4 closed
2.5v	Pins 3 & 4, 7 & 8 closed
2.6v	Pins 3 & 4, 5 & 6 closed
2.7v	Pins 3 & 4, 5 & 6, 7 & 8 closed
2.8v	Pins 1 & 2 closed
2.9v	Pins 1 & 2, 7 & 8 closed
3.0v	Pins 1 & 2, 5 & 6 closed
3.1v	Pins 1 & 2, 5 & 6, 7 & 8 closed
3.2v	Pins 1 & 2, 3 & 4 closed
3.3v	Pins 1 & 2, 3 & 4, 7 & 8 closed
3.4v	Pins 1 & 2, 3 & 4, 5 & 6 closed
3.5v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed