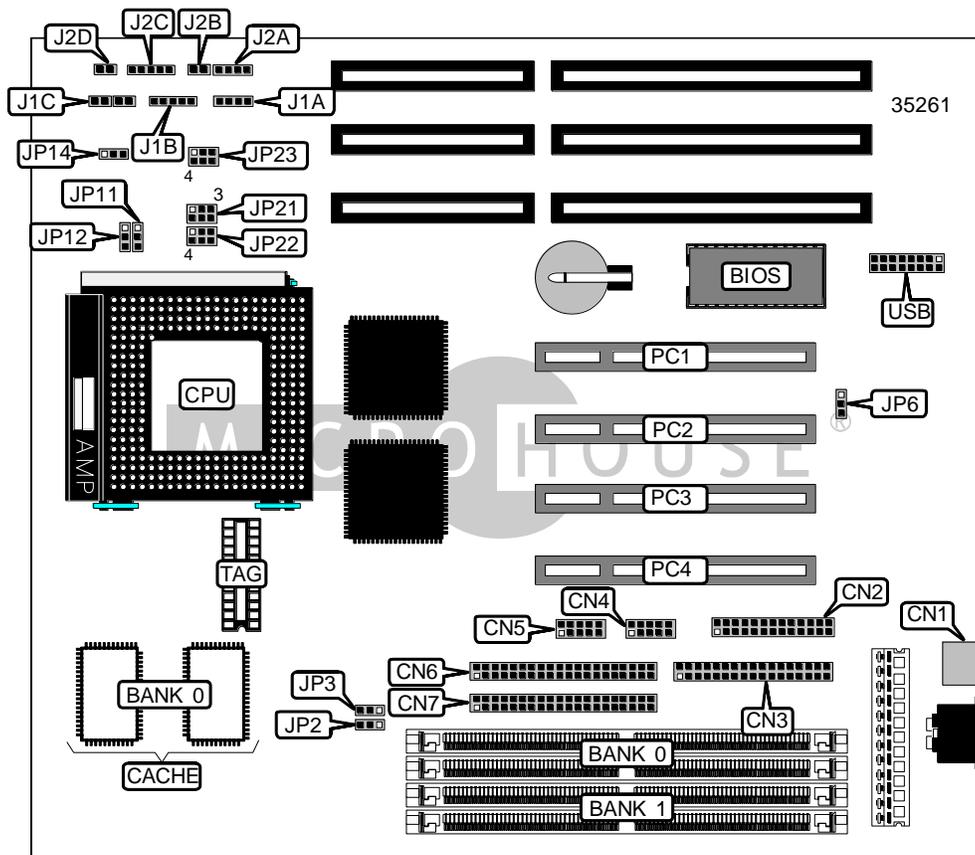


# SOLTEK COMPUTER, INC.

## SL-53A2, SL-53A5

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 6X86MX/AM K5/AM K6/Pentium/ Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200/233MHz
Chip Set	Intel 430VX
Maximum Onboard Memory	128MB DRAM (EDO supported)
Cache	256/512KB
BIOS	Award
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), USB connectors (2), green PC connector
Dimensions	250mm x 220mm



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	IR connector	J1B
Parallel port	CN2	Green PC connector	J1C
Floppy drive interface	CN3	Speaker	J2A
Serial port 1	CN4	Reset switch	J2B
Serial port 2	CN5	Power LED & keylock	J2C
IDE interface 1	CN6	Turbo LED	J2D
IDE interface 2	CN7	32-bit PCI slots	PC1 - PC4
IDE interface LED	J1A	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS normal operation	JP6	Pins 1 & 2 closed
CMOS clear	JP6	Pins 2 & 3 closed
í Factory configured - do not alter	JP14	Pins 1 & 2 closed
í Factory configured - do not alter	JP19	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1MB x 36	None
16MB	(2) 1MB x 36	(2) 1MB x 36
16MB	(2) 2MB x 36	None
24MB	(2) 2MB x 36	(2) 1MB x 36
32MB	(2) 2MB x 36	(2) 2MB x 36
32MB	(2) 4MB x 36	None
40MB	(2) 4MB x 36	(2) 1MB x 36
48MB	(2) 4MB x 36	(2) 2MB x 36
64MB	(2) 4MB x 36	(2) 4MB x 36
64MB	(2) 8MB x 36	None
72MB	(2) 8MB x 36	(2) 1MB x 36
80MB	(2) 8MB x 36	(2) 2MB x 36
96MB	(2) 8MB x 36	(2) 4MB x 36
128MB	(2) 8MB x 36	(2) 8MB x 36

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CPU SPEED SELECTION (CX 6X86)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
120MHz	50MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5
133MHz	55MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5

Note: Numbers designate pins that should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
120MHz	50MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2&3, 5&6	2&3, 5&6
133MHz	55MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2	2&3, 5&6	2&3, 5&6
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2&3, 5&6	2&3, 5&6
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2&3, 5&6	2&3, 5&6

Note: Numbers designate pins that should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
166MHz	60MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2&3, 5&6	2&3, 5&6
200MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2&3, 5&6	2&3, 5&6
233MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2	2&3, 5&6	2&3, 5&6

Note: Numbers designate pins that should be in the closed position.

CPU SPEED SELECTION (AM K5)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
90MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
120MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
133MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
150MHz	60MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1&2, 4&5	1&2, 4&5
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	1&2, 4&5	1&2, 4&5

Note: Numbers designate pins that should be in the closed position.

CPU SPEED SELECTION (AM K6)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2&3, 5&6	2&3, 5&6
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	2&3, 5&6	2&3, 5&6
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	1 & 2	2&3, 5&6	2&3, 5&6

Note: Numbers designate pins that should be in the closed position.

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CPU SPEED SELECTION (PENTIUM)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
90MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1&2, 4&5	1&2, 4&5
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	1&2, 4&5	1&2, 4&5
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	1&2, 4&5	1&2, 4&5
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	1&2, 4&5	1&2, 4&5
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1&2, 4&5	1&2, 4&5
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	1&2, 4&5	1&2, 4&5

Note: Numbers designate pins that should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)								
Speed	Clock speed	Multiplier	JP2	JP3	JP11	JP12	JP21	JP22
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2&3, 5&6	2&3, 5&6
200MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	2 & 3	2&3, 5&6	2&3, 5&6
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	1 & 2	2&3, 5&6	2&3, 5&6

Note: Numbers designate pins that should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	JP14	JP23
3.38v	Pins 2 & 3 closed	Pins 1 & 2 closed
3.52v	Pins 1 & 2 closed	Pins 4 & 5 closed

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	JP14	JP23
3.52v	2.8v	Pins 1 & 2 closed	Pins 5 & 6 closed
3.52v	2.9v	Pins 1 & 2 closed	Pins 2 & 3 closed