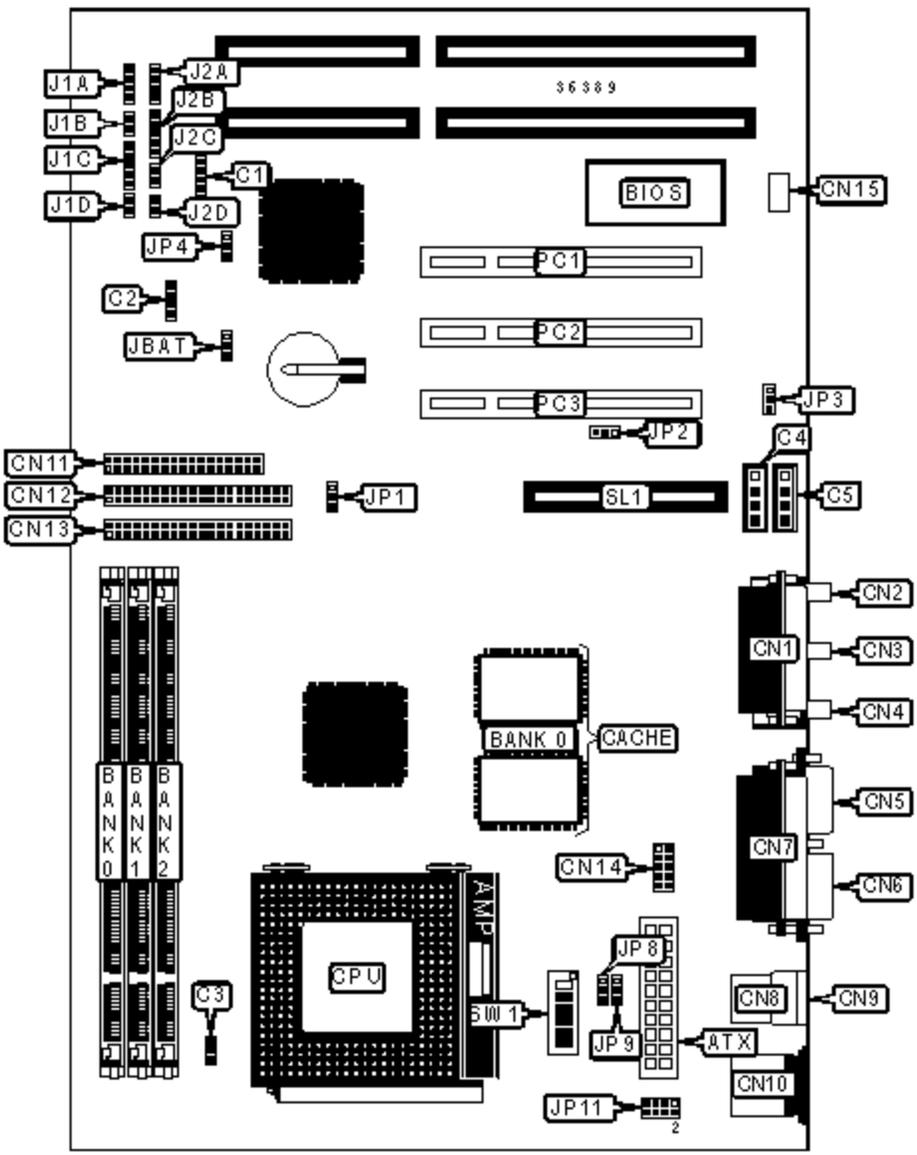


SOLTEK COMPUTER, INC.

SL-56F1, SL56F5

Device Type	Mainboard
Processor	CX 686MX/IBM 6X86MX/CX MII/IBM MII/AM K5/AM K6-2/ AM K6-III/Pentium
Processor Speed	133/166/200/225/233/240/266/300/333/350/380/400/450MHz
Chip Set	VIA VT
Video Chip Set	Unidentified
Maximum Onboard Memory	768MB (SDRAM & PC100 supported)(Unified Memory Architecture UMA)
Audio Chip Set	Unidentified
Cache	Unidentified
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, USB connectors (3), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location

VGA feature connector	ATX	Floppy drive interface	CN11
Wake on LAN connector	C1	IDE interface 1	CN12
Chassis fan power	C2	IDE interface 2	CN13
CPU fan power	C3	Serial port 2	CN14
Audio in - CD-ROM	C4	USB connector 3	CN15
Audio in - CD-ROM	C5	IDE interface LED	J1A
Game/MIDI port	CN1	IR connector	J1B
Microphone in	CN2	Soft off power supply	J1C
Line in	CN3	Green PC connector	J1D
Line out	CN4	Speaker	J2A
VGA port	CN5	Reset switch	J2B
Serial port 1	CN6	Power LED & keylock	J2C
Parallel port	CN7	Green PC LED	J2D
USB connector 1	CN8	32-bit PCI slots	PC1 - PC3
USB connector 2	CN9	AMR slot	SL1
PS/2 mouse port	CN10		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JBAT	Pins 1 & 2 closed
	CMOS memory clear	JBAT	Pins 2 & 3 closed
	CPU clock select <100MHz	JP1	Pins 1 & 2 closed
	CPU clock select >100MHz	JP1	Pins 2 & 3 closed
»	Power lost normal operation	JP4	Pins 1 & 2 closed
	Power lost enabled	JP4	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64

96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64

272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM & PC100 memory.

CACHE CONFIGURATION

Note: the size of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
200MHz	66MHz	2.5x	On	Off	Off	On	On	Off
200MHz	75MHz	2x	On	On	Off	On	Off	Off
233MHz	66MHz	3x	On	Off	Off	Off	On	Off
233MHz	75MHz	2.5x	On	On	Off	On	On	Off
266MHz	75MHz	3x	On	On	Off	Off	On	Off
266MHz	83MHz	2.5x	On	Off	On	On	On	Off

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
200MHz	66MHz	2.5x	On	Off	Off	On	On	Off

200MHz	66MHz	2.5x	On	Off	On	On	On	Off
200MHz	75MHz	2x	On	On	Off	On	Off	Off
233MHz	66MHz	3x	On	Off	Off	Off	On	Off
233MHz	75MHz	2.5x	On	On	Off	On	On	Off
266MHz	75MHz	3x	On	On	Off	Off	On	Off
266MHz	83MHz	2.5x	On	Off	On	On	On	Off

CPU SPEED SELECTION (CX MII)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
300MHz	66MHz	3.5x	On	Off	Off	Off	Off	Off
300MHz	75MHz	3x	On	On	Off	Off	On	Off
333MHz	66MHz	4x	On	Off	Off	On	Off	On
333MHz	75MHz	3.5x	On	On	Off	Off	Off	Off
333MHz	83MHz	3x	On	Off	On	Off	On	Off
333MHz	100MHz	2.5x	On	On	On	On	On	Off
350MHz	83MHz	3.5x	On	Off	On	Off	Off	Off
350MHz	100MHz	3x	On	On	On	Off	On	Off

CPU SPEED SELECTION (IBM MII)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
300MHz	66MHz	3.5x	On	Off	Off	Off	Off	Off
300MHz	75MHz	3x	On	On	Off	Off	On	Off
333MHz	66MHz	4x	On	Off	Off	On	Off	On
333MHz	75MHz	3.5x	On	On	Off	Off	Off	Off
333MHz	83MHz	3x	On	Off	On	Off	On	Off
333MHz	100MHz	2.5x	On	On	On	On	On	Off
350MHz	83MHz	3.5x	On	Off	On	Off	Off	Off
350MHz	100MHz	3x	On	On	On	Off	On	Off

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
225MHz	75MHz	3x	On	On	Off	Off	On	Off
233MHz	66MHz	3.5x	On	Off	Off	Off	Off	Off
240MHz	66MHz	4x	On	Off	Off	On	Off	On
266MHz	100MHz	5.5x	On	On	On	Off	Off	On

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	66MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2.5x	On	Off	Off	On	On	Off
200MHz	66MHz	3x	On	Off	Off	Off	On	Off

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
300MHz	100MHz	3x	On	On	On	Off	On	Off
333MHz	95MHz	3.5x	Off	On	On	Off	Off	Off
350MHz	100MHz	3.5x	On	On	On	Off	Off	Off
380MHz	95MHz	4x	Off	On	On	On	Off	On
400MHz	100MHz	4x	On	On	On	On	Off	On

CPU SPEED SELECTION (AM K6-III)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
400MHz	100MHz	4x	On	On	On	On	Off	On
450MHz	100MHz	4.5x	On	On	On	On	On	On

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	66MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2.5x	On	Off	Off	On	On	Off
200MHz	66MHz	3x	On	Off	Off	Off	On	Off

CPU TYPE SELECTION

Type	JP8	JP9
Single voltage	Pins 2 & 3 closed	Pins 2 & 3 closed
Dual voltage	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU VOLTAGE SELECTION

Voltage	JP1/pins 1 & 2	JP1/pins 3 & 4	JP1/pins 5 & 6	JP1/pins 7 & 8
2.0v	Open	Open	Open	Open
2.1v	Closed	Open	Open	Open
2.2v	Open	Closed	Open	Open
2.3v	Closed	Closed	Open	Open
2.4v	Open	Open	Closed	Open
2.5v	Closed	Open	Closed	Open
2.6v	Open	Closed	Closed	Open
2.7v	Closed	Closed	Closed	Open
2.8v	Open	Open	Open	Closed
2.9v	Closed	Open	Open	Closed
3.0v	Closed	Open	Closed	Open
3.1v	Closed	Closed	Open	Closed
3.2v	Open	Open	Closed	Closed
3.3v	Closed	Open	Closed	Closed

3.4v	Open	Closed	Closed	Closed
3.5v	Closed	Closed	Closed	Closed

ONBOARD SOUND SELECTION			
Setting		JP2	JP3
»	Enabled	Pins 1 & 2 closed	Pins 2 & 3 closed
	Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed