SOLTEK COMPUTER, INC.

SL-65F-S

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Audio Chip Set	Unidentified
Cache	128KB (located on Celeron CPU)
BIOS	Award
Dimensions	305mm x 170mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), wake on LAN connector
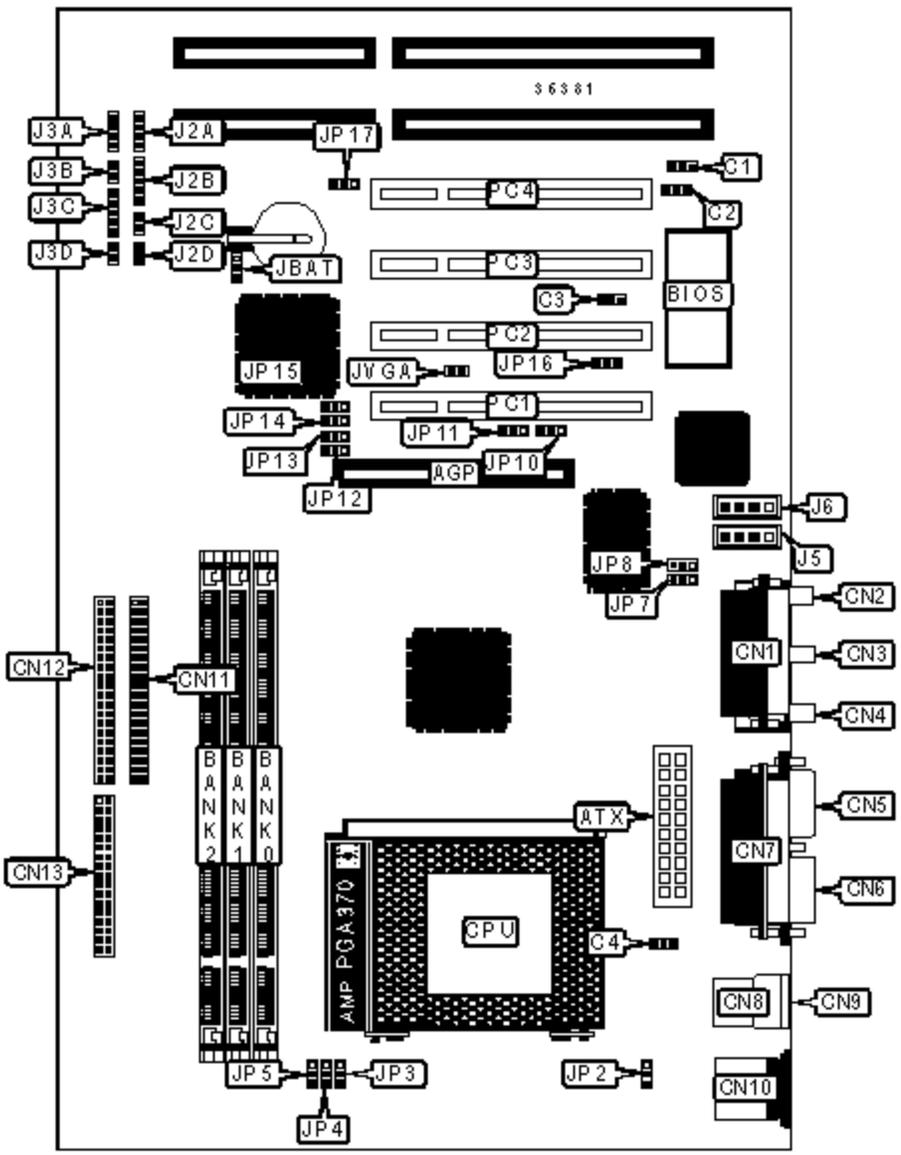
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	PS/2 mouse port	CN10

ATX power connector	ATX	IDE interface 2	CN11
Wake on LAN connector	C1	IDE interface 1	CN12
Power fan power	C2	Floppy drive interface	CN13
Chassis fan power	C3	IDE interface LED	J2A
CPU fan power	C4	IR connector	J2B
Game/MIDI port	CN1	Soft off power supply	J2C
Microphone in	CN2	Green PC connector	J2D
Line in	CN3	Speaker	J3A
Line out	CN4	Reset switch	J3B
Serial port 2	CN5	Power LED & keylock	J3C
Serial port 1	CN6	Green PC LED	J3D
Parallel port	CN7	Audio in - CD-ROM	J5
USB connector 1	CN8	Audio in - CD-ROM	J6
USB connector 2	CN9	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	CMOS memory normal operation	JBAT	Pins 1 & 2 closed
	CMOS memory clear	JBAT	Pins 2 & 3 closed
»	Keyboard power on disabled	JP2	Pins 1 & 2 closed
	Keyboard power on enabled	JP2	Pins 2 & 3 closed
»	On board sound enabled	JP16	Pins 2 & 3 closed
	On board sound disabled	JP16	Pins 1 & 2 closed
»	Power lost normal operation	JP17	Pins 1 & 2 closed
	Power lost enabled	JP17	Pins 2 & 3 closed
»	Normal VGA card installed	JVGA	Closed
	Special VGA card installed	JVGA	Open

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

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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
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) 16M x 64	(1) 8M x 64	(1) 8M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
300MHz	66MHz	4.5x	2 & 3	1 & 2	1 & 2
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2
366MHz	66MHz	5.5x	2 & 3	1 & 2	1 & 2
400MHz	66MHz	6x	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14	JP15
300MHz	66MHz	4.5x	Open	2 & 3	Open	2 & 3
333MHz	66MHz	5x	Open	Open	2 & 3	2 & 3
366MHz	66MHz	5.5x	Open	Open	Open	2 & 3
400MHz	66MHz	6x	2 & 3	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

USB SELECTION

	Setting	JP10	JP1
»	Redirect all USB ports to USB connector	Pins 2 & 3 closed	Pins 2 & 3 closed
	Redirect USB1 to AGP port	Pins 1 & 2 closed	Pins 1 & 2 closed

ONBOARD SOUND SELECTION

Setting	JP7	JP8

	Setting	JP4	JP6
»	Speaker out with amplifier	Pins 1 & 2 closed	Pins 1 & 2 closed
	Speaker out without amplifier	Pins 2 & 3 closed	Pins 2 & 3 closed