SOLTEK COMPUTER, INC.

SL-65F

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400MHz
Chip Set	Intel 440ZX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	128KB (located on Celeron CPU)
BIOS	Award
Dimensions	305mm x 170mm
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 connectors (2), ATX power connector, AGP slot, wake on LAN connector
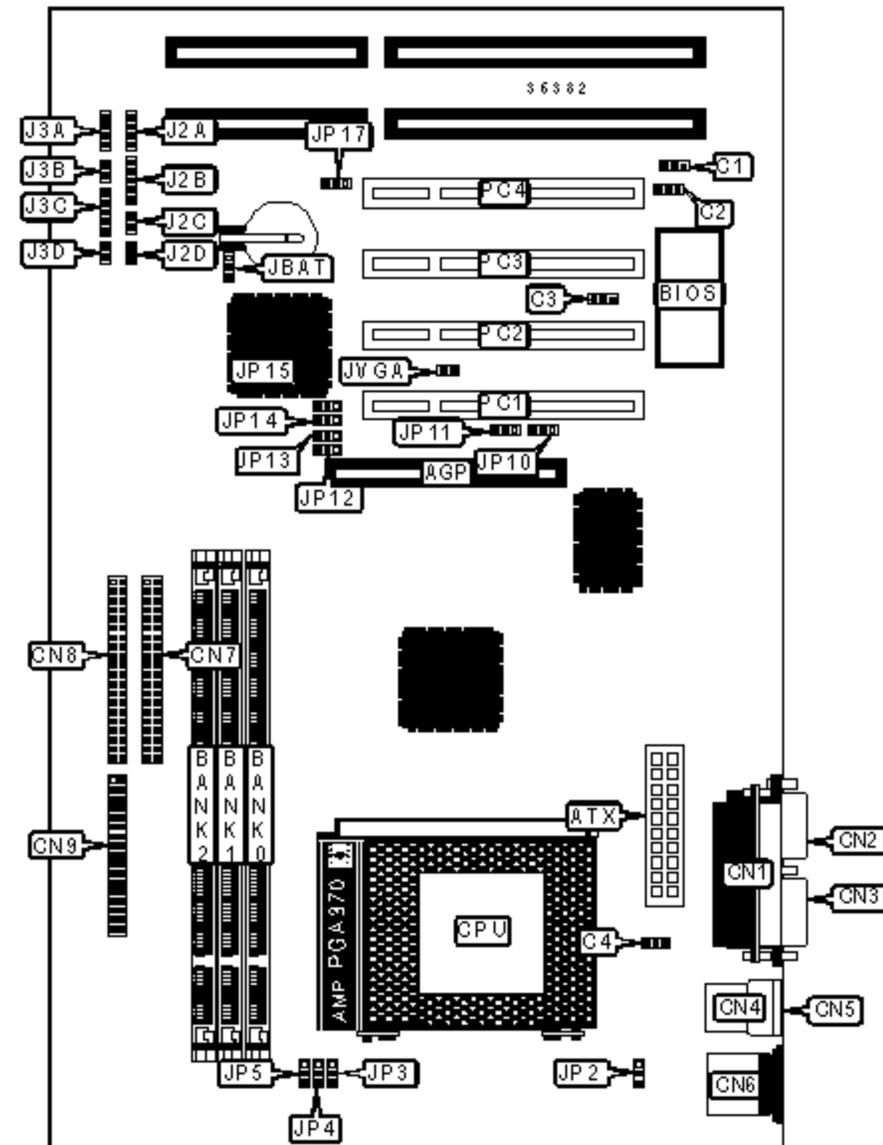
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	IDE interface 2	CN7
ATX power connector	ATX	IDE interface 1	CN8

Wake on LAN connector	C1	Floppy drive interface	CN9
Power fan power	C2	IDE interface LED	J2A
Chassis fan power	C3	IR connector	J2B
CPU fan power	C4	Soft off power supply	J2C
Serial port 2	CN1	Green PC connector	J2D
Serial port 1	CN2	Speaker	J3A
Parallel port	CN3	Reset switch	J3B
USB connector 1	CN4	Power LED & keylock	J3C
USB connector 2	CN5	Green PC LED	J3D
PS/2 mouse port	CN6	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
»	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

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

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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

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