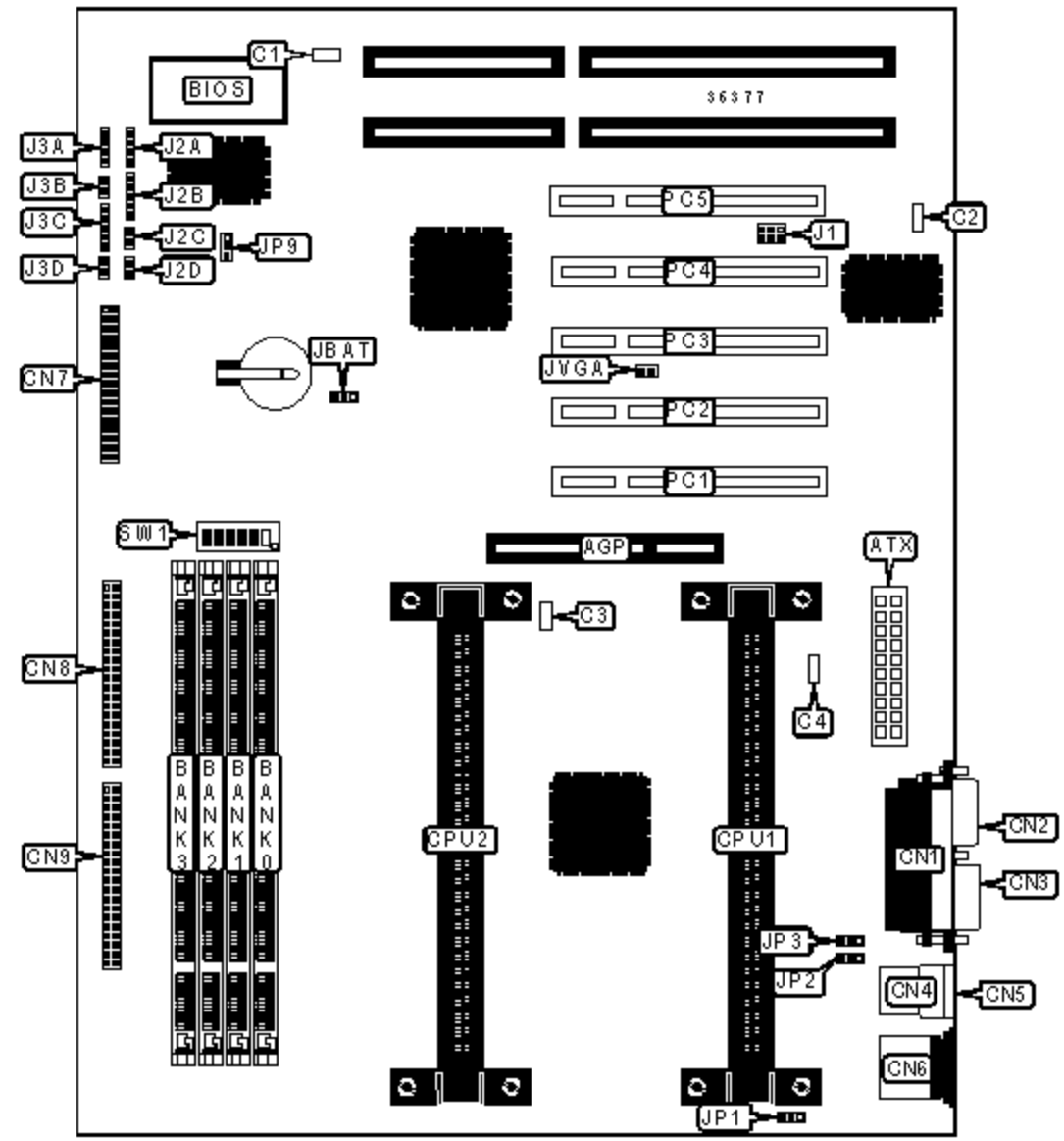


SOLTEK COMPUTER, INC.

SL-68A

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/333/300/350/400/450/500MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	1GB (SDRAM & PC100 supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 245mm
I/O Options	32-bit PCI slots (5), 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, SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	CN8
ATX power connector	ATX	IDE interface 2	CN9

Power fan power	C1	IDE interface LED	J2A
Wake on LAN connector	C2	IR connector	J2B
Chassis fan power	C3	Soft off power supply	J2C
CPU fan power	C4	Green PC connector	J2D
Parallel port	CN1	Speaker	J3A
Serial port 2	CN2	Reset switch	J3B
Serial port 1	CN3	Power LED & keylock	J3C
USB connector 1	CN4	Green PC LED	J3D
USB connector 2	CN5	SB-link connector	J1
PS/2 mouse port	CN6	32-bit PCI slots	PC1 - PC5
Floppy drive interface	CN7		

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	JP1	Pins 1 & 2 closed
	Keyboard power on enabled	JP1	Pins 2 & 3 closed
»	Power lost normal operation	JP9	Pins 1 & 2 closed
	Power lost enabled	JP9	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	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None

16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 32M x 64	None	None	None

256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM & PC100 memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
233MHz	66MHz	3.5x	On	Off	Off	On	Off	On
266MHz	66MHz	4x	Off	On	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On	Off	On
333MHz	66MHz	5x	Off	Off	On	On	Off	On

CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
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350MHz	100MHz	3.5x	On	Off	Off	On	Off	On
400MHz	100MHz	4x	Off	On	On	On	Off	On
450MHz	100MHz	4.5x	Off	On	Off	On	Off	On
500MHz	100MHz	5x	Off	Off	On	On	Off	On

USB SELECTION

Setting		JP2	JP3
»	Redirect all USB ports to USB connector	Pins 1 & 2 closed	Pins 1 & 2 closed
	Redirect USB1 to AGP port	Pins 2 & 3 closed	Pins 2 & 3 closed