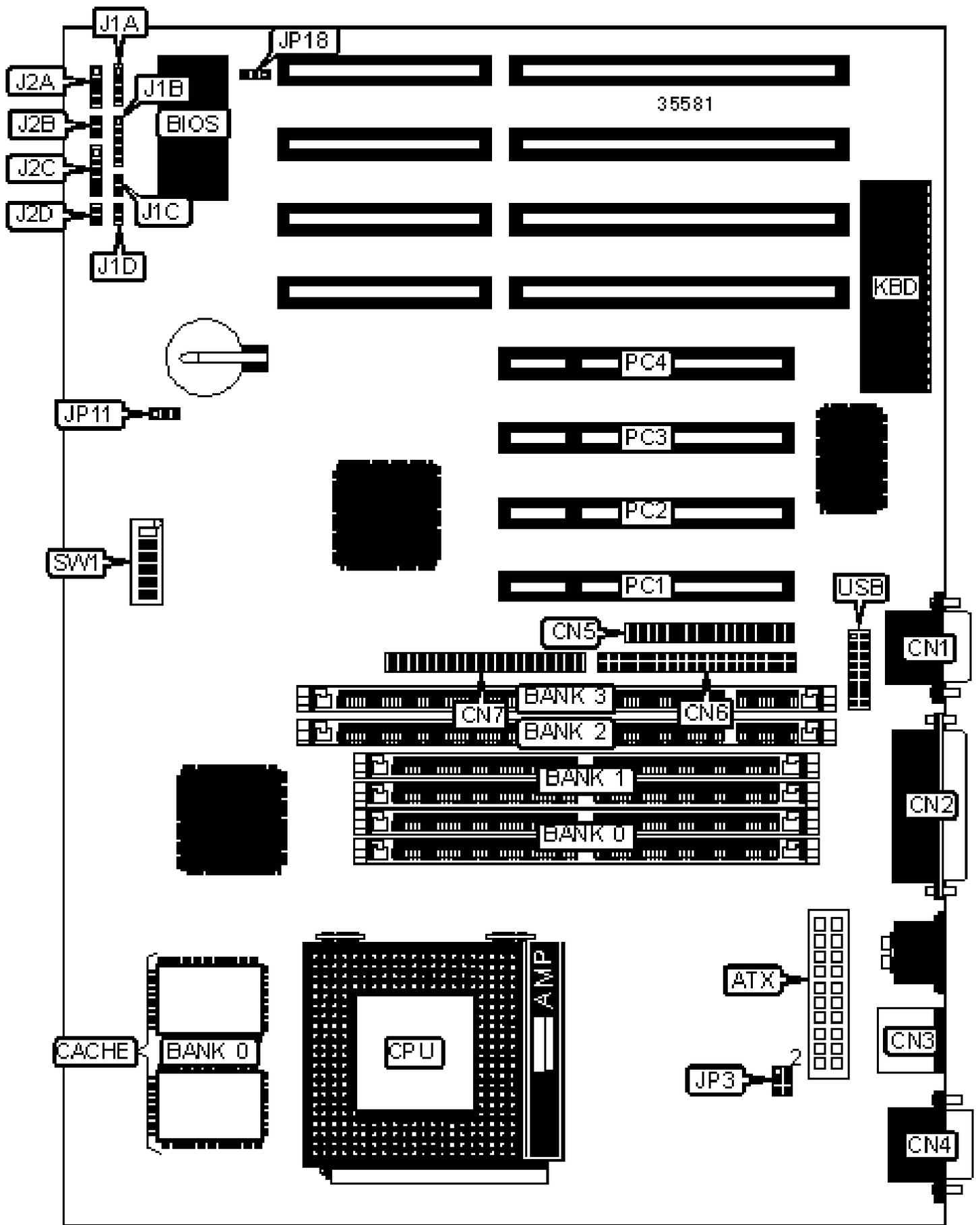


SOLTEK, INC.

SL-56A2, SL-56A5

Configuration



CONNECTIONS

| Purpose | Location | Purpose | Location |
|------------------------|----------|-----------------------|-----------|
| ATX power connector | ATX | IR connector | J1B |
| Serial port 2 | CN1 | Soft off power supply | J1C |
| Parallel port | CN2 | Green PC connector | J1D |
| PS/2 mouse port | CN3 | Speaker | J2A |
| Serial port 1 | CN4 | Reset switch | J2B |
| Floppy drive interface | CN5 | Power LED & keylock | J2C |
| IDE interface 2 | CN6 | Turbo LED | J2D |
| IDE interface 1 | CN7 | 32-bit PCI slots | PC1 - PC4 |
| IDE interface LED | J1A | USB connector | USB |

USER CONFIGURABLE SETTINGS

| Function | Label | Position |
|-------------------------------------|-------|-------------------|
| » CMOS memory normal operation | JP11 | Pins 2 & 3 closed |
| CMOS memory clear | JP11 | Pins 1 & 2 closed |
| Flash BIOS programming enabled | JP18 | Pins 1 & 2 closed |
| Flash BIOS programming disabled | JP18 | Pins 2 & 3 closed |
| » Factory configured - do not alter | SW1/6 | Unidentified |

SIMM CONFIGURATION

| Size | Bank 0 | Bank 1 |
|------|-------------|-------------|
| 8MB | (2) 1M x 36 | None |
| 16MB | (2) 2M x 36 | None |
| 16MB | (2) 1M x 36 | (2) 1M x 36 |
| 24MB | (2) 2M x 36 | (2) 1M x 36 |

| | | |
|-------|--------------|--------------|
| 32MB | (2) 4M x 36 | None |
| 32MB | (2) 2M x 36 | (2) 2M x 36 |
| 40MB | (2) 4M x 36 | (2) 1M x 36 |
| 48MB | (2) 4M x 36 | (2) 2M x 36 |
| 64MB | (2) 8M x 36 | None |
| 64MB | (2) 4M x 36 | (2) 4M x 36 |
| 72MB | (2) 8M x 36 | (2) 1M x 36 |
| 80MB | (2) 8M x 36 | (2) 2M x 36 |
| 96MB | (2) 8M x 36 | (2) 4M x 36 |
| 128MB | (2) 8M x 36 | (2) 8M x 36 |
| 128MB | (2) 16M x 36 | None |
| 136MB | (2) 16M x 36 | (2) 1M x 36 |
| 144MB | (2) 16M x 36 | (2) 2M x 36 |
| 160MB | (2) 16M x 36 | (2) 4M x 36 |
| 192MB | (2) 16M x 36 | (2) 8M x 36 |
| 256MB | (2) 16M x 36 | (2) 16M x 36 |

Note: Board accepts EDO memory.

DIMM CONFIGURATION

| Size | Bank 2 | Bank 3 |
|------|-------------|-------------|
| 8MB | (1) 1M x 64 | None |
| 16MB | (1) 2M x 64 | None |
| 16MB | (1) 1M x 64 | (1) 1M x 64 |
| 24MB | (1) 2M x 64 | (1) 1M x 64 |
| 32MB | (1) 4M x 64 | None |
| 32MB | (1) 2M x 64 | (1) 2M x 64 |

| | | |
|-------|--------------|--------------|
| 40MB | (1) 4M x 64 | (1) 1M x 64 |
| 48MB | (1) 4M x 64 | (1) 2M x 64 |
| 64MB | (1) 8M x 64 | None |
| 64MB | (1) 4M x 64 | (1) 4M x 64 |
| 72MB | (1) 8M x 64 | (1) 1M x 64 |
| 80MB | (1) 8M x 64 | (1) 2M x 64 |
| 96MB | (1) 8M x 64 | (1) 4M x 64 |
| 128MB | (1) 16M x 64 | None |
| 128MB | (1) 8M x 64 | (1) 8M x 64 |
| 136MB | (1) 16M x 64 | (1) 1M x 64 |
| 144MB | (1) 16M x 64 | (1) 2M x 64 |
| 160MB | (1) 16M x 64 | (1) 4M x 64 |
| 192MB | (1) 16M x 64 | (1) 8M x 64 |
| 256MB | (1) 16M x 64 | (1) 16M x 64 |

CACHE CONFIGURATION

| Size | Bank 0 |
|-------|--------------|
| 256KB | (2) 32K x 32 |
| 512KB | (2) 64K x 32 |

CPU SPEED SELECTION (CX 6X86)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 133MHz | 55MHz | 2x | On | Off | On | On | Off |
| 150MHz | 60MHz | 2x | On | Off | On | Off | Off |
| 166MHz | 66MHz | 2x | On | Off | Off | Off | Off |
| 200MHz | 75MHz | 2x | On | Off | Off | On | Off |

CPU SPEED SELECTION (CX 6X86L)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 133MHz | 55MHz | 2x | On | Off | On | On | Off |
| 150MHz | 60MHz | 2x | On | Off | On | Off | Off |
| 166MHz | 66MHz | 2x | On | Off | Off | Off | Off |
| 200MHz | 75MHz | 2x | On | Off | Off | On | Off |

CPU SPEED SELECTION (AM K5)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 90MHz | 60MHz | 1.5x | Off | Off | On | Off | Off |
| 100MHz | 66MHz | 1.5x | Off | Off | Off | Off | Off |
| 120MHz | 60MHz | 1.5x | Off | Off | On | Off | Off |
| 133MHz | 66MHz | 1.5x | Off | Off | Off | Off | Off |
| 150MHz | 60MHz | 2.5x | On | On | On | Off | Off |
| 166MHz | 66MHz | 2.5x | On | On | Off | Off | Off |

CPU SPEED SELECTION (AM K6)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 166MHz | 66MHz | 2.5x | On | On | Off | Off | Off |
| 200MHz | 66MHz | 3x | Off | On | Off | Off | Off |
| 233MHz | 66MHz | 3.5x | Off | Off | Off | Off | Off |
| 266MHz | 66MHz | 4x | On | Off | Off | Off | On |
| 300MHz | 66MHz | 4.5x | On | On | Off | Off | On |
| 333MHz | 66MHz | 5x | Off | On | Off | Off | On |
| 366MHz | 66MHz | 5.5x | Off | Off | Off | Off | On |

CPU SPEED SELECTION (INTEL)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 90MHz | 60MHz | 1.5x | Off | Off | On | Off | Off |
| 100MHz | 66MHz | 1.5x | Off | Off | Off | Off | Off |
| 120MHz | 60MHz | 2x | On | Off | On | Off | Off |
| 133MHz | 66MHz | 2x | On | Off | Off | Off | Off |
| 150MHz | 60MHz | 2.5x | On | On | On | Off | Off |
| 166MHz | 66MHz | 2.5x | On | On | Off | Off | Off |
| 180MHz | 60MHz | 3x | Off | On | On | Off | Off |
| 200MHz | 66MHz | 3x | Off | On | Off | Off | Off |

CPU SPEED SELECTION (INTEL MMX)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 166MHz | 66MHz | 2.5x | On | On | Off | Off | Off |
| 200MHz | 66MHz | 3x | Off | On | Off | Off | Off |
| 233MHz | 66MHz | 3.5x | Off | Off | Off | Off | Off |

CPU VOLTAGE SELECTION

| Voltage | JP3 |
|---------|--------------------------|
| 2.8v | Open |
| 2.9v | Pins 1 & 2 closed |
| 3.0v | Pins 3 & 4 closed |
| 3.1v | Pins 1 & 2, 3 & 4 closed |
| 3.2v | Pins 5 & 6 closed |
| 3.3v | Pins 1 & 2, 5 & 6 closed |

| | |
|------|---------------------------------|
| 3.4v | Pins 3 & 4, 5 & 6 closed |
| 3.5v | Pins 1 & 2, 3 & 4, 5 & 6 closed |