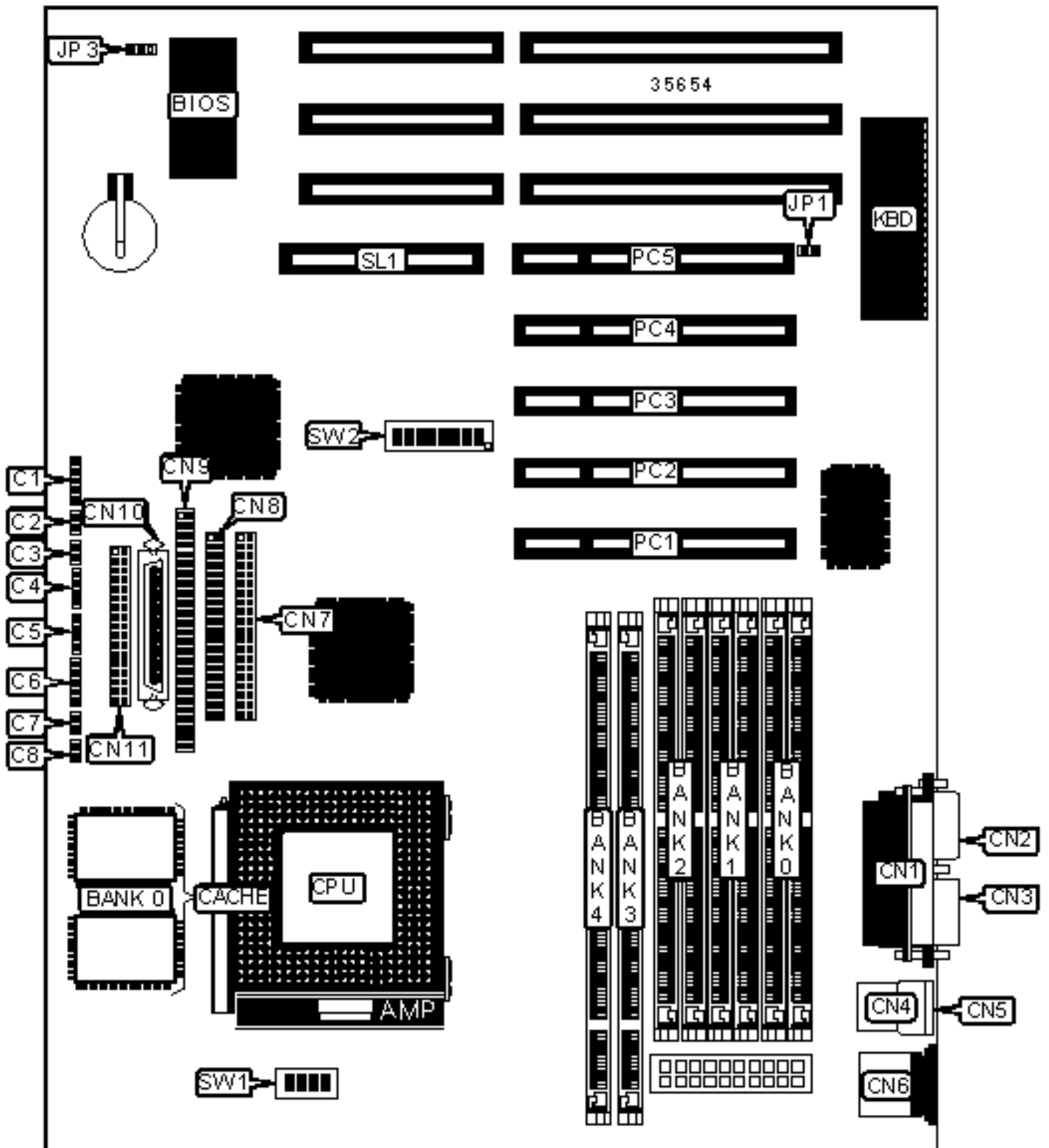


ADVANCED INTEGRATION RESEARCH, INC.

P5TXI

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	USB connector 1	CN4
IR connector	C1	USB connector 2	CN5
Green PC connector	C2	PS/2 mouse port	CN6
Reset switch	C3	IDE interface 1	CN7
Speaker	C4	IDE interface 2	CN8
IDE interface LED	C5	SCSI interface	CN9
Power LED & keylock	C6	Wide SCSI interface	CN10
Turbo LED	C7	Floppy drive interface	CN11
Soft off power supply	C8	Chassis fan power	JP4
Parallel port	CN1	Chassis fan power	JP5
Serial port 2	CN2	32-bit PCI slots	PC1 - PC5
Serial port 1	CN3	RAID slot	SL1
Note: The location of JP4 & JP5 are unidentified.			

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP1	Unidentified
» CMOS memory normal operation	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed
SCSI termination always enabled	SW1/8	Off
SCSI termination high/low byte enabled	SW1/8	On

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
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8MB	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36

96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
160MB	(2) 8M x 36	(2) 8M x 36	(2) 4M x 36
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
200MB	(2) 16M x 36	(2) 8M x 36	(2) 1M x 36

208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION

Size	Bank 3	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) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3
150MHz	60MHz	2.5x	Off	On	Off
180MHz	60MHz	3x	Off	Off	Off
200MHz	66MHz	3x	Off	On	On
233MHz	66MHz	3.5x	Off	On	On
266MHz	66MHz	4x	Off	Off	Off

CPU SPEED SELECTION (CON'T)						
CPU speed	Clock speed	Multiplier	SW1/4	SW1/5	SW1/6	SW1/7
150MHz	60MHz	2.5x	Off	Off	On	Off
180MHz	60MHz	3x	Off	Off	On	Off
200MHz	66MHz	3x	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off
266MHz	66MHz	4x	On	Off	Off	Off

CPU VOLTAGE SELECTION				
Voltage	SW2/2	SW2/2	SW2/3	SW2/4

2.1v	On	Off	Off	Off
2.8v	Off	Off	Off	On
2.9v	On	Off	Off	On
3.2v	Off	Off	On	On
3.54v	On	On	On	On