TEKRAM TECHNOLOGY CO., LTD.

P5T30-A4

Configuration
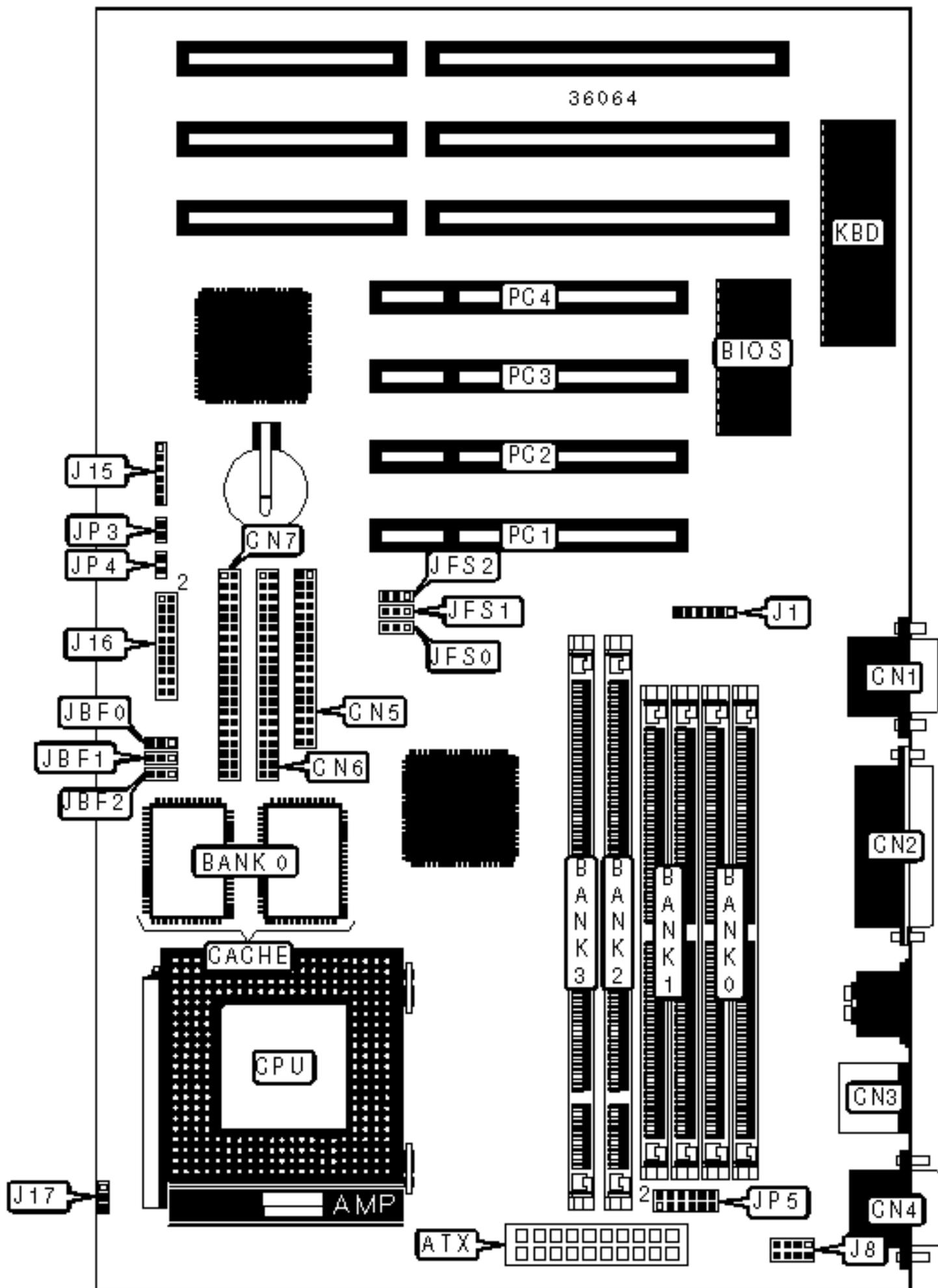
CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IR connector	J15
Serial port 1	CN1	Power LED & keylock	J16/pins 2/4/6/8/10
Parallel port	CN2	Turbo LED	J16/pins 3 & 5
PS/2 mouse port	CN3	Green PC connector	J16/pins 7 & 9
Serial port 2	CN4	Speaker	J16/pins 14/16/18/20
Floppy drive interface	CN5	Reset switch	J16/pins 17 & 19
IDE interface 2	CN6	Chassis fan power	J17
IDE interface 1	CN7	IDE interface LED	JP3
IR connector	J1	Soft off power supply	JP4
USB connector	J8	32-bit PCI slots	PC1 - PC4

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

DIMM CONFIGURATION (CON'T)		
Size	Bank 2	Bank 3
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

	Bank 1	Bank 2
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
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION

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

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
120MHz	50MHz	2x	2 & 3	1 & 2	Open	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	2 & 3	1 & 2	Open	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
166MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	1 & 2	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position..								

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JBF0	JBF1	JBF2	JFS0	JFS1	JFS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP5
3.3v	Pins 9 & 10 closed
3.5v	Pins 11 & 12 closed

CPU VOLTAGE SELECTION (DUAL)

Voltage	JP5
2.8v	Pins 7 & 8 closed