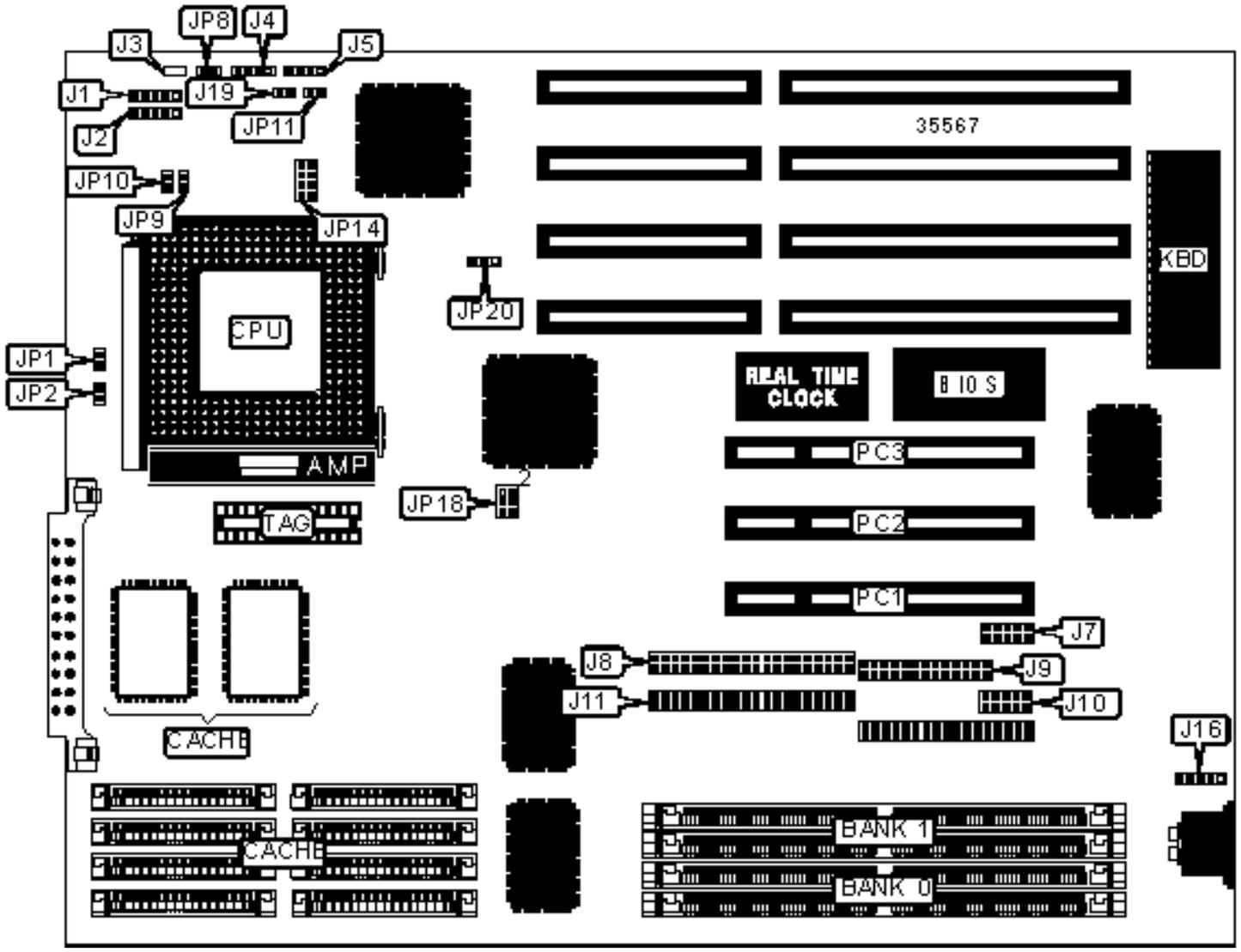


DTK COMPUTER, INC.

PAM-0054I (VER. 2.30)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Keylock	J1	Parallel port	J9
Turbo LED	J2	Serial port 1	J10
Speaker	J3	IDE interface 1	J11
IDE interface LED	J4	Floppy drive interface	J12
Reset switch	J5	PS/2 mouse port	J13
Serial port 2	J7	Soft off power supply	J17
IDE interface 2	J8	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Flash BIOS voltage select 12v	JP10	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP10	Pins 2 & 3 closed
» CMOS memory normal operation	JP11	Open
CMOS memory clear	JP11	Closed

SIMM CONFIGURATION (PENTIUM NEEDING 8MB - 128MB)

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

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	Tag
Asynchronous 256KB	(1) 32K x 8	None	8K x 8/16K x 8
Asynchronous 512KB	(1) 64K x 8	None	16K x 8/32K x 8
Pipeline Burst 256KB	None	(1) 32K x 32/32K x 36	8K x 8/16K x 8

CACHE SIZE SELECTION	
Size	JP14
256KB	Pins 2 & 3 closed
512KB	Pins 1 & 2 closed

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP16	JP17
75MHz	50MHz	1.5x	Open	Open	Closed	Closed
90MHz	60MHz	1.5x	Open	Open	Closed	Open
100MHz	66MHz	1.5x	Open	Open	Open	Closed
120MHz	60MHz	2x	Closed	Open	Closed	Open
133MHz	66MHz	2x	Closed	Open	Open	Closed

150MHz	60MHz	2.5x	Closed	Closed	Closed	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Closed
Note: Pins designated are in the closed position.						

CPU SPEED SELECTION (CX 6X86)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP16	JP17
120MHz	60MHz	2x	Closed	Open	Closed	Closed
133MHz	55MHz	2x	Closed	Open	Open	Open
150MHz	60MHz	2x	Closed	Open	Closed	Open
166MHz	60MHz	2.5x	Closed	Open	Open	Closed
Note: Pins designated are in the closed position.						

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP16	JP17
75MHz	50MHz	1.5x	Open	Open	Closed	Closed
90MHz	60MHz	1.5x	Open	Open	Closed	Open
100MHz	66MHz	1.5x	Open	Open	Open	Closed
120MHz	60MHz	2x	Closed	Open	Closed	Open
133MHz	66MHz	2x	Closed	Open	Open	Closed
Note: Pins designated are in the closed position.						

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	JP2	JP3
3.4v	Open	Closed
3.5v	Closed	Open
Note: Pins designated are in the closed position.		

CPU VOLTAGE SELECTION (DUAL)

V I/O	V Core	JP2	JP3	J6	JP13
3.3v	2.5v	Open	Closed	Open	1 & 2, 3 & 4

Note: Pins designated are in the closed position.