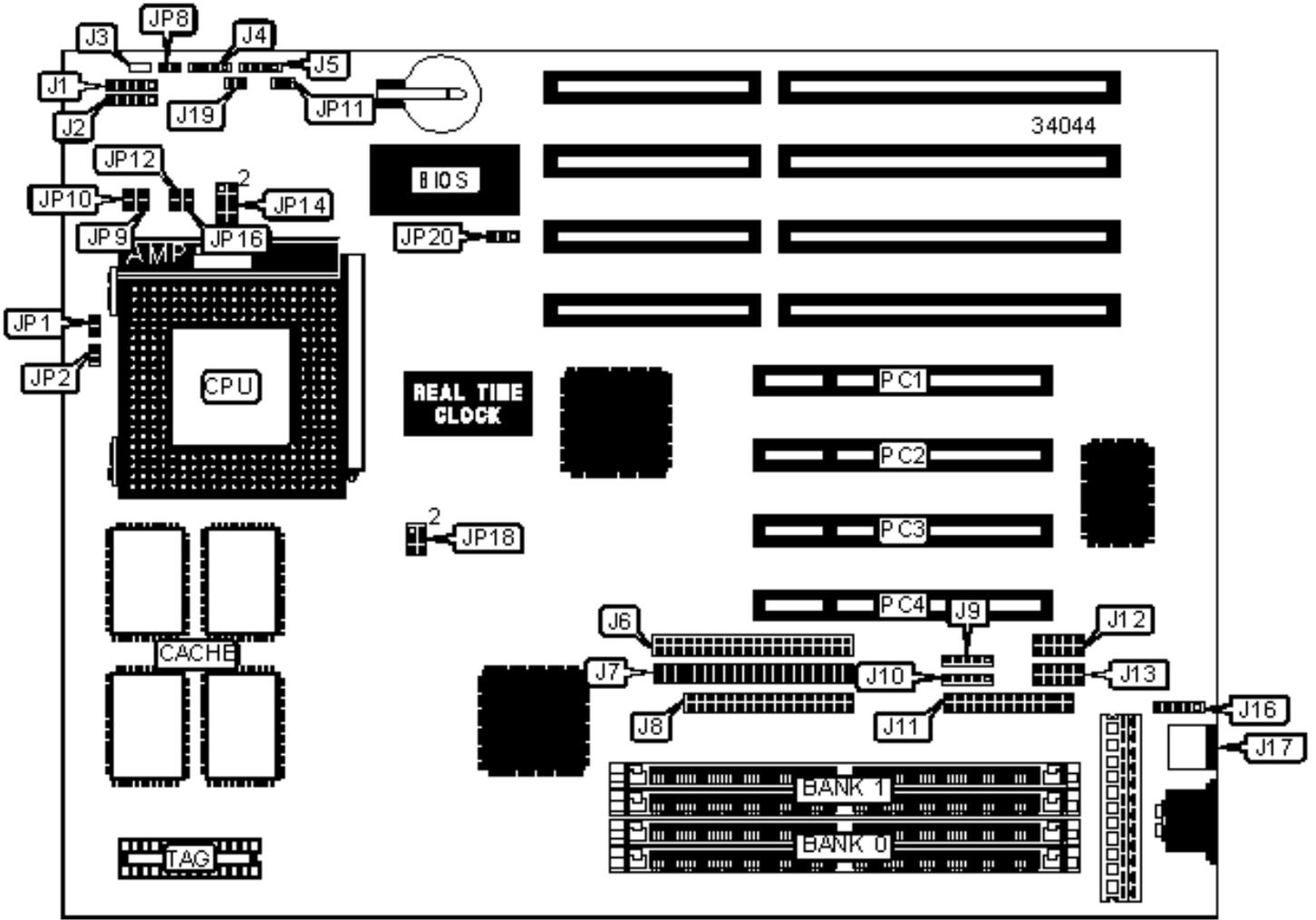


DTK COMPUTER, INC.

PAM-0055I (VER. 2.52)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
IR connector	J1	Parallel port	J11
Power LED & keylock	J2	Serial port 2	J12
Speaker	J4	Serial port 1	J13
IDE interface LED	J5	PS/2 mouse interface	J16
IDE interface 1	J6	PS/2 mouse port	J17
IDE interface 2	J7	Turbo LED connector	J19
Floppy drive interface	J8	Green PC connector	JP8
USB connector 1	J9	Reset switch	JP11
USB connector 2	J10	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J3	Unidentified
» Factory configured - do not alter	JP20	Unidentified

DRAM 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. Board also accepts x 32 SIMMs.

CACHE CONFIGURATION

Size	Bank 0	Bank 1	TAG
256KB	(2) 32K x 32	None	(1) 8K x 8
512KB	(2) 32K x 32	(2) 32K x 32	(1) 16K/32K x 8
512KB	(2) 64K x 32	None	(1) 16K/32K x 8

Note: The location of banks 0 & 1 is unidentified.

CPU SPEED SELECTION (CYRIX)

CPU speed	Clock speed	Multiplier	JP1	JP2	JP18
120MHz	50MHz	2x	Closed	Open	1 & 2, 3 & 4
133MHz	55MHz	2x	Closed	Open	Open

150MHz	60MHz	2x	Closed	Open	3 & 4
166MHz	66MHz	2x	Closed	Open	1 & 2
200MHz	75MHz	2x	Closed	Open	5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP1	JP2	JP18
75MHz	50MHz	1.5x	Open	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	Open	Open	3 & 4
100MHz	66MHz	1.5x	Open	Open	1 & 2
120MHz	60MHz	1.5x	Open	Open	3 & 4
133MHz	66MHz	2x	Closed	Open	1 & 2
150MHz	60MHz	1.5x	Open	Open	1 & 2
166MHz	66MHz	2.5x	Closed	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP1	JP2	JP18
166MHz	66MHz	2.5x	Closed	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	1 & 2
233MHz	66MHz	3.5x	Open	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP1	JP2	JP18
75MHz	50MHz	1.5x	Open	Open	1 & 2, 3 & 4

90MHz	60MHz	1.5x	Open	Open	3 & 4
100MHz	66MHz	1.5x	Open	Open	1 & 2
120MHz	60MHz	2x	Closed	Open	3 & 4
133MHz	66MHz	2x	Closed	Open	1 & 2
150MHz	60MHz	2.5x	Closed	Closed	3 & 4
166MHz	66MHz	2.5x	Closed	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	1 & 2
233MHz	66MHz	3.5x	Open	Open	1 & 2
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION (SINGLE)					
Voltage	JP9	JP10	JP12	JP14	JP16
3.3v	Open	Closed	Open	Closed	Open
3.5v	Closed	Open	Open	Closed	Open

CPU VOLTAGE SELECTION (DUAL)						
Voltage	V core	JP9	JP10	JP12	JP14	JP16
3.3v	2.8v	Open	Closed	Closed	Open	Open
3.3v	2.9v	Open	Closed	Open	Open	Closed
3.3v	3.2v	Open	Closed	Open	Open	Open