DTK COMPUTER, INC.
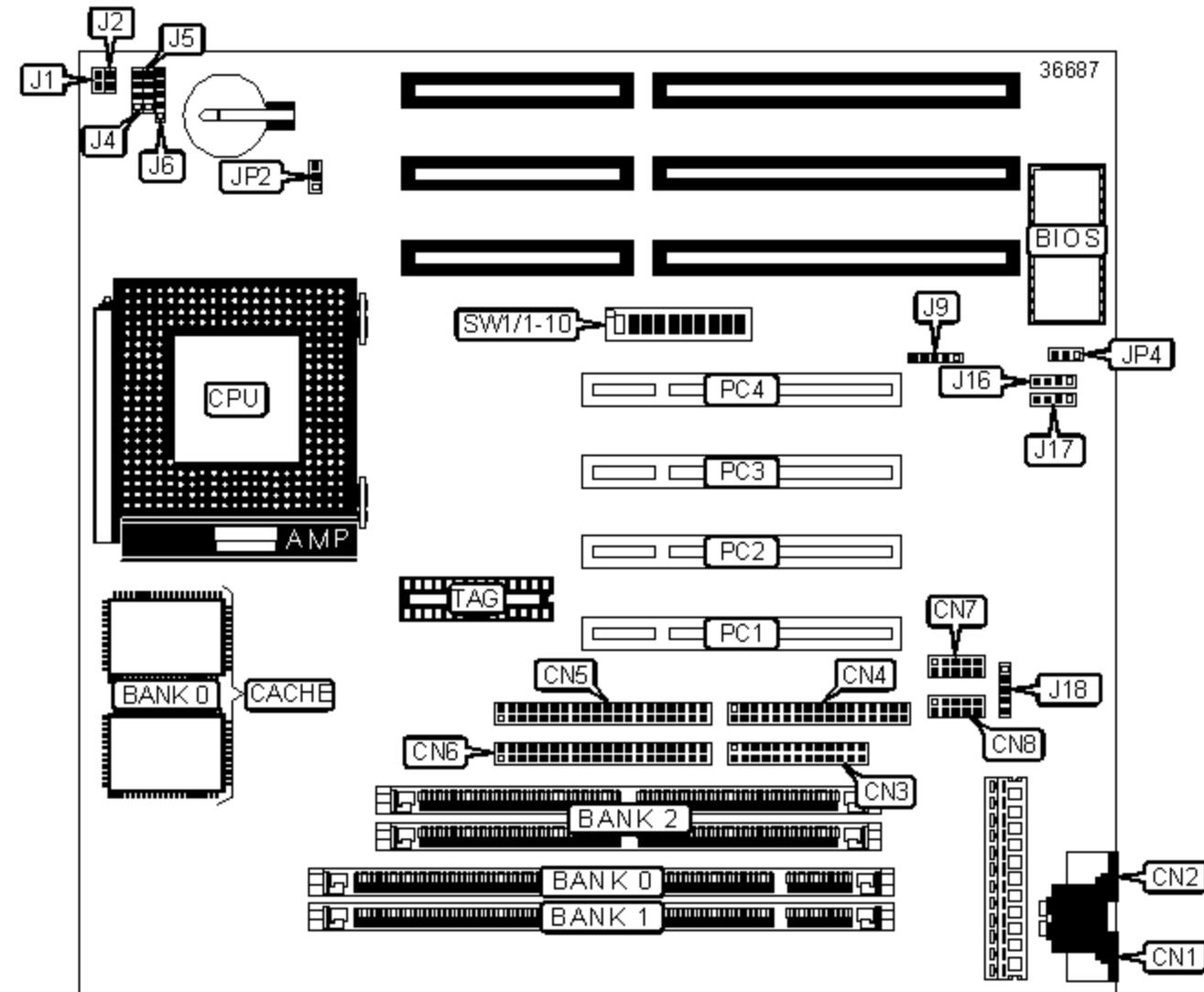
PAM-0057V (VER. 1.01)

Device Type	Mainboard
Processor	CX 6X86L/CX 686MX/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	90/100/110/120/133/150/166/200/233MHz
Chip Set	VIA
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	256/512KB
BIOS	Award
Dimensions	220mm x 230mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial interfaces (2), IR connector, USB interfaces (2)

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
PS/2 keyboard port	CN1	Green PC switch	J2
PS/2 mouse port	CN2	PC speaker	J4
Parallel port	CN3	IDE interface LED	J5

Floppy drive interface	CN4	Power LED & keylock	J6
IDE interface 1	CN5	IR connector	J9
IDE interface 2	CN6	USB interface 1	J16
Serial interface 1	CN7	USB interface 2	J17
Serial interface 2	CN8	PS/2 mouse interface	J18
Reset switch	J1	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
	5V Flash EPROM enabled	JP4	Pins 2 & 3 closed
	12V Flash EPROM enabled	JP4	Pins 1 & 2 closed

SIMM CONFIGURATION	
Size	Bank 2
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
16MB	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64

64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
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
Note: Board supports EDO & SDRAM memory.		

CPU SPEED SELECTION (PENTIUM)									
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8	SW1/9	SW1/10
90MHz	60MHz	1.5x	Off	Off	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (PENTIUM MMX)									
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8	SW1/9	SW1/10
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU SPEED SELECTION (AM K5)									
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8	SW1/9	SW1/10

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8	SW1/9	SW1/10
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/5**	**SW1/6**	**SW1/7**	**SW1/8**	**SW1/9**	**SW1/10**
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266Mhz	66MHz	4x	Off	Off	On	Off	Off	Off

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/5**	**SW1/6**	**SW1/7**	**SW1/8**	**SW1/9**	**SW1/10**
166MHz	60MHz	2.5x	On	On	Off	On	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/5**	**SW1/6**	**SW1/7**	**SW1/8**	**SW1/9**	**SW1/10**
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

CPU VOLTAGE SELECTION
Note: SW1/1 - SW1/4 control CPU voltage, but other information is not available.