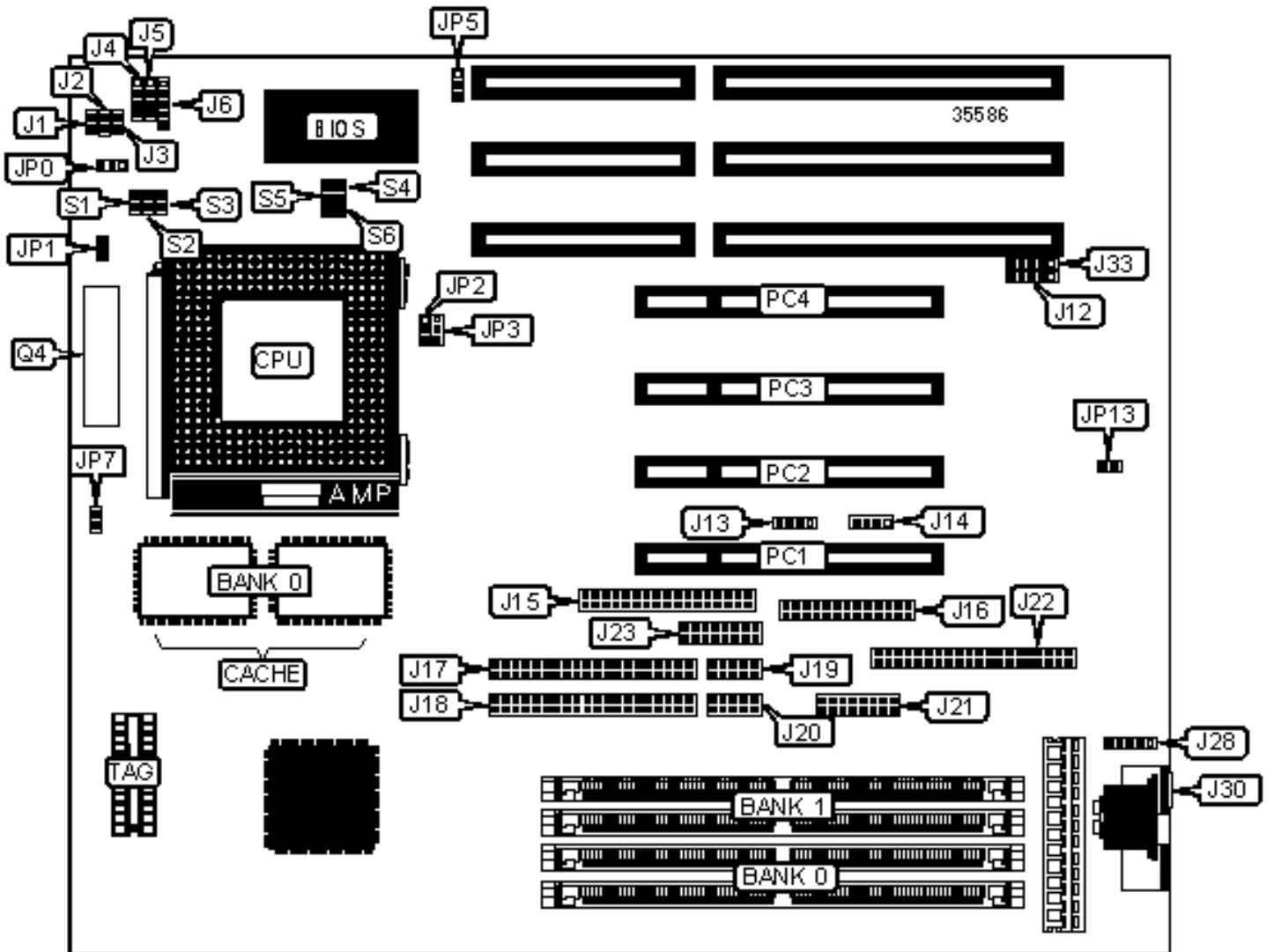


DTK

PAM-0050S (VER. 1.12)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Reset switch	J1	Serial port 1	J19
Suspend LED	J2	Serial port 2	J20
SMI switch	J3	VGA feature connector	J21
Speaker	J4	Audio extension card connector	J22
IDE interface LED	J5	Game port	J23
Power LED & keylock	J6	PS/2 mouse interface	J28
IR connector	J12	AT power connector	J29
Audio in CD-ROM	J13	PS/2 mouse port	J30
Audio in CD-ROM (Sony)	J14	PS/2 keyboard connector	J31
Floppy drive interface	J15	AT keyboard connector	J32
Parallel port	J16	Fast IR connector	J33
IDE interface 1	J17	32-bit PCI slots	PC1 - PC4
IDE interface 2	J18		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JP0	Pins 1 & 2 closed
CMOS memory clear	JP0	Pins 2 & 3 closed
» 5V Flash EPROM as system ROM	JP5	Pins 2 & 3 closed
12V Flash EPROM as system ROM	JP5	Pins 1 & 2 closed
» Linear burst mode (Cyrix 6x86 only) enabled	JP7	Closed
Linear burst mode (Cyrix 6x86 only) disabled	JP7	Open
» Onboard sound enabled	JP13	Closed
Onboard sound disabled	JP13	Open

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
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36

288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory.		

CACHE CONFIGURATION		
Size	Bank 0	Tag
256KB	(2) 32KB x 16	8/16/32K x 8

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP2	JP3	S4	S5	S6
75MHz	50MHz	1.5x	1 & 2	1 & 2	Closed	Closed	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	Closed	Open	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	Closed	Open
120MHz	60MHz	2x	1 & 2	2 & 3	Closed	Open	Open
133MHz	66MHz	2x	1 & 2	2 & 3	Open	Closed	Open
150MHz	60MHz	2.5x	2 & 3	2 & 3	Closed	Open	Open
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	Closed	Open
200MHz	66MHz	3x	2 & 3	1 & 2	Open	Closed	Open
Note: Pins designated are in the closed position							

CPU SPEED SELECTION (INTEL MMX)							
CPU speed	Clock speed	Multiplier	JP2	JP3	S4	S5	S6
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	Closed	Open
200MHz	66MHz	3x	2 & 3	1 & 2	Open	Closed	Open

Note: Pins designated are in the closed position

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP2	JP3	S4	S5	S6
120MHz	60MHz	2x	1 & 2	2 & 3	Closed	Closed	Open
133MHz	55MHz	2x	1 & 2	2 & 3	Open	Open	Open
150MHz	60MHz	2x	1 & 2	2 & 3	Closed	Open	Open
166MHz	66MHz	2 x	1 & 2	2 & 3	Open	Closed	Open
200MHz	75MHz	2x	1 & 2	2 & 3	Open	Open	Closed

Note: Pins designated are in the closed position

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP2	JP3	S4	S5	S6
75MHz	50MHz	1.5x	1 & 2	1 & 2	Closed	Closed	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	Closed	Open	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	Closed	Open
120MHz	60MHz	2x	1 & 2	1 & 2	Closed	Open	Open
133MHz	66MHz	2x	1 & 2	1 & 2	Open	Closed	Open
150MHz	60MHz	2.5x	1 & 2	1 & 2	Open	Closed	Open
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	Closed	Open

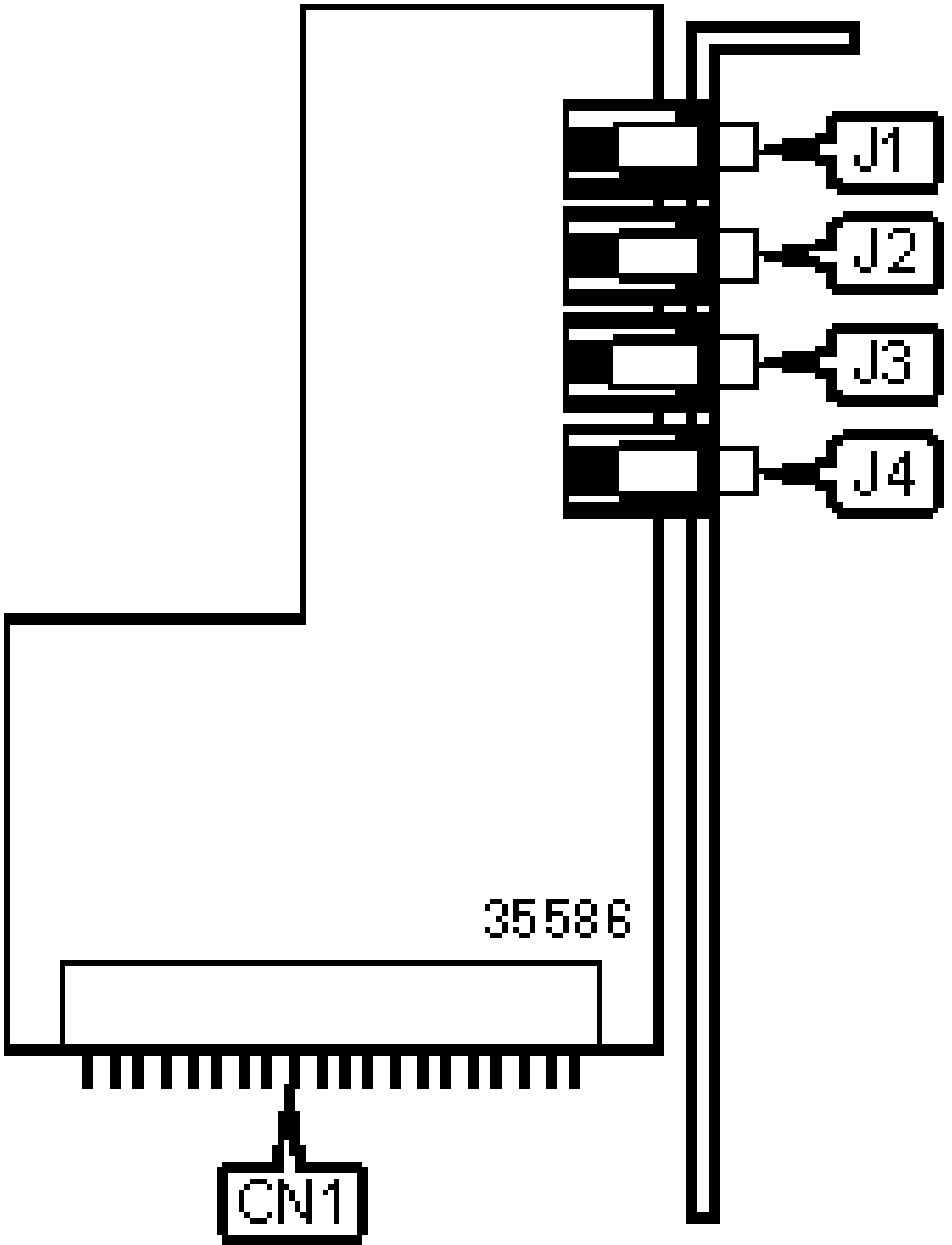
Note: Pins designated are in the closed position

CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP1	S1	S2	S3
3.4V	Closed	Closed	Closed	Closed
3.5V	Open	Closed	Closed	Closed

CPU VOLTAGE SELECTION (DUAL)

V I/O	V Core	JP1	S1	S2	S3
3.4V	2.8V	Closed	Open	Open	Open



AUDIO EXTENSION CARD

CONNECTIONS

Purpose	Location	Purpose	Location
Audio extension card connector	CN1	Line in	J3
Speaker out	J1	Microphone	J4
Line out	J2		