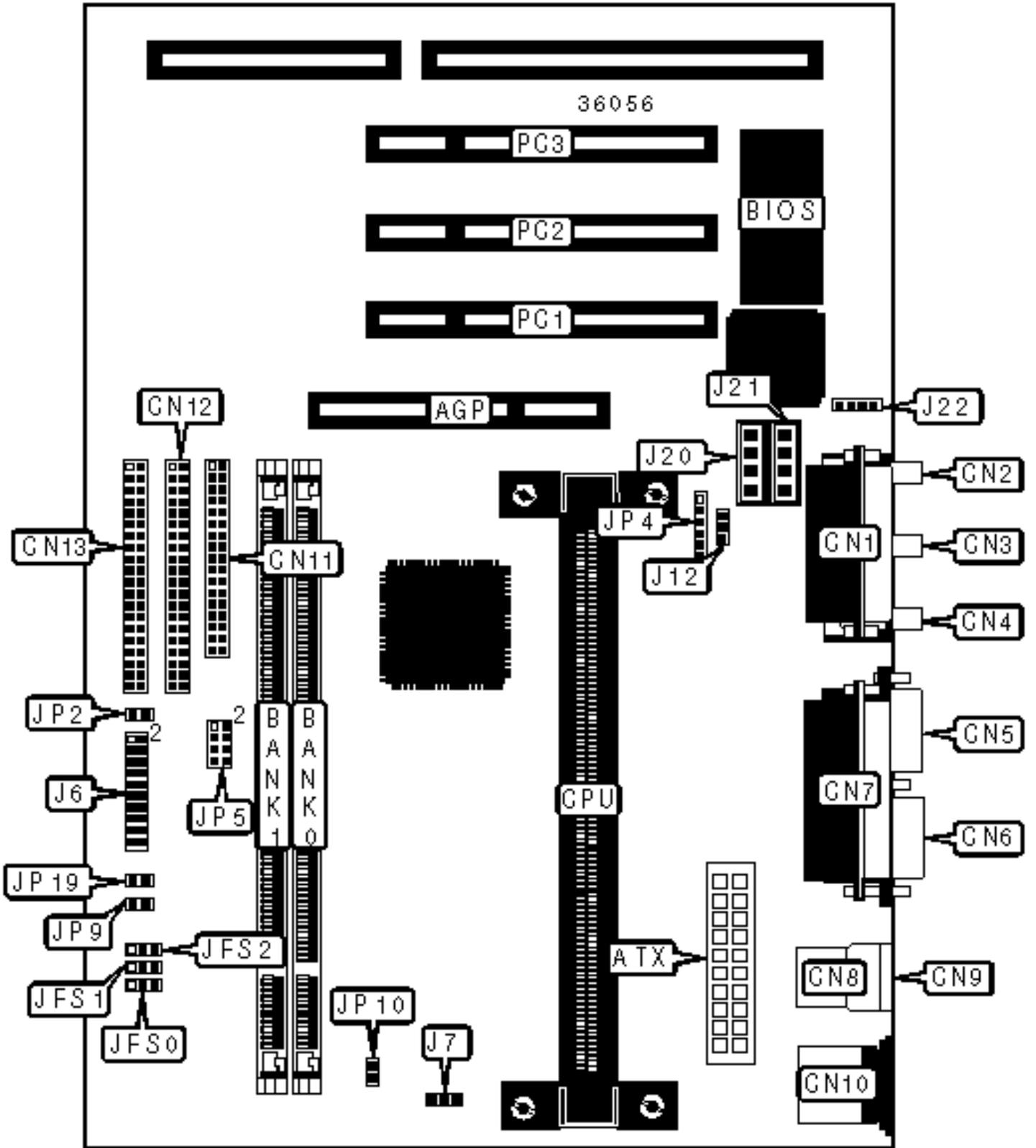


P6E40-MS3 (SOUND)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Power LED & keylock	J6/pins 2/4/6/8/10
ATX power connector	ATX	Turbo LED	J6/pins 3 & 5
Game/MIDI port	CN1	Green PC connector	J6/pins 7 & 9
Microphone in	CN2	Speaker	J6/pins 14/16/18/20
Line in	CN3	Reset switch	J6/pins 17 & 19
Line out	CN4	Chassis fan power	J7
Serial port 2	CN5	Wake on LAN connector	J12
Serial port 1	CN6	Audio in – CD-ROM	J20
Parallel port	CN7	Audio in – CD-ROM	J21
USB connector 1	CN8	Auxiliary connector	J22
USB connector 2	CN9	IDE interface LED	JP2
PS/2 mouse port	CN10	IR connector	JP4
Floppy drive interface	CN11	Soft off power supply	JP9
IDE interface 2	CN12	Temperature sensor connector	JP10
IDE interface 1	CN13	32-bit PCI slots	PC1 – PC3

USER CONFIGURABLE SETTINGS

Function	Label	Position
Power state function enabled	JP19	Closed
Power state function disabled	JP19	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None

16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(2) 1M x 64
24MB	(1) 2M x 64	(2) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(2) 2M x 64
40MB	(1) 4M x 64	(2) 1M x 64
48MB	(1) 4M x 64	(2) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(2) 4M x 64
72MB	(1) 8M x 64	(2) 1M x 64
80MB	(1) 8M x 64	(2) 2M x 64
96MB	(1) 8M x 64	(2) 4M x 64
128MB	(1) 8M x 64	(2) 8M x 64
128MB	(1) 16M x 64	None
164MB	(1) 16M x 64	(2) 1M x 64
144MB	(1) 16M x 64	(2) 2M x 64
160MB	(1) 16M x 64	(2) 4M x 64
192MB	(1) 16M x 64	(2) 8M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
256MB	(1) 16M x 64	(2) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(2) 1M x 64
272MB	(1) 32M x 64	(2) 2M x 64
288MB	(1) 32M x 64	(2) 4M x 64

320MB	(1) 32M x 64	(2) 8M x 64
384MB	(1) 32M x 64	(2) 16M x 64
512MB	(1) 32M x 64	(2) 32M x 64

Note: Board accepts EDO & SDRAM memory. Maximum SDRAM is 256MB. Maximum EDO is 512MB.

CACHE CONFIGURATION

256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JFS0	JFS1	JFS2	JP5
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2, 7 & 8
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	1 & 2, 5 & 6
333MHz	66MHz	5x	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	1 & 2
400MHz	66MHz	6x	1 & 2	1 & 2	1 & 2	3 & 4, 5 & 6, 7 & 8

Note: Pins designated should be in the closed position.