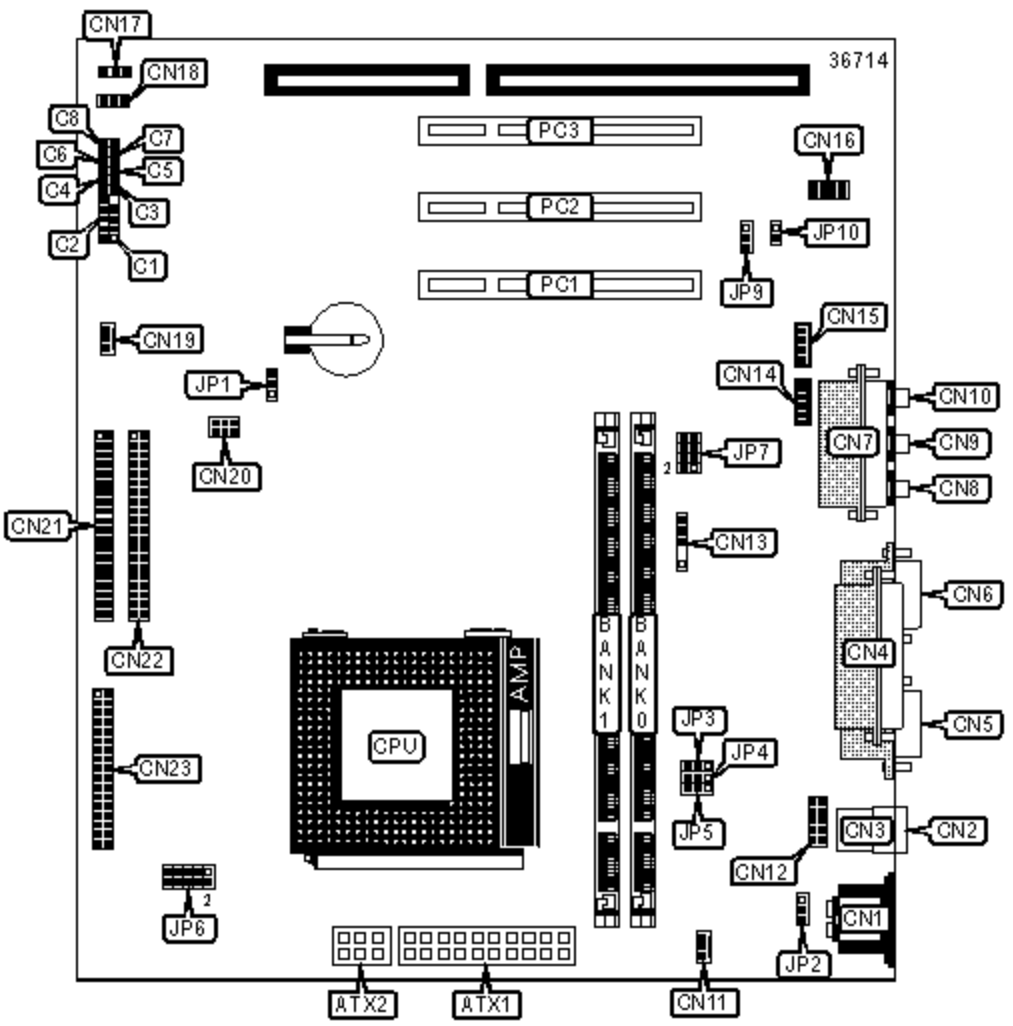


ELITEGROUP COMPUTER SYSTEMS, INC.

P5SS-ME

Device Type	Mainboard
Processor	CX 6x86/CX 6x86L/CX 6x86M/CX 6x86M2/CX 6x86MX/IBM 6x86/IBM 6x86L/IBM 6x86M/IBM 6x86M2/IBM 6x86MX/AM K5/AM K6/AM K6-2/AM K6-3/Pentium/Pentium MMX
Processor Speed	133/166/200/233/266/300/333/350/380/400/450MHz
Chip Set	SIS
Video Chip Set	SIS
Audio Chip Set	Elite
Maximum Onboard Memory	1GB (SDRAM supported)
Maximum Video Memory	8MB shared system memory
Maximum Audio Memory	Unidentified
Cache	2MB
BIOS	Award
Dimensions	Unidentified
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, Wake-on LAN connector, Wake-on modem connector, VGA video port, game/MIDI port, line-out, line-in, microphone-in, audio in - CD-ROMs (2), SPDIF connector, SB-Link connector



CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX1	Line-out	CN8

Power connector for optional 1394 serial bus device	ATX2	Line-in	CN9
Speaker connector	C1	Microphone-in	CN10
Power LED/keylock connector	C2	CPU fan power	CN11
Unidentified	C3	Serial interface	CN12
Green LED connector	C4	IR connector	CN13
IDE interface LED	C5	Audio in - CD-ROM	CN14
Reset switch	C6	Audio in - CD-ROM	CN15
Suspend switch	C7	SPDIF connector	CN16
Power switch	C8	Wake-on LAN connector	CN17
PS/2 mouse port	CN1	Wake-on modem connector	CN18
USB port 1	CN2	System fan power	CN19
USB port 2	CN3	SB-Link connector	CN20
Parallel port	CN4	IDE interface 1	CN21
Serial port 1	CN5	IDE interface 2	CN22
15-pin VGA video out	CN6	Floppy drive interface	CN23
Game/MIDI port	CN7	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 1 & 2 Closed
	CMOS memory clear	JP1	Pins 2 & 3 Closed for 10 seconds
»	Keyboard power up enabled	JP2	Pins 1 & 2 Closed
	Keyboard power up disabled	JP2	Pins 2 & 3 Closed
»	Factory configured-do not alter	JP6	Pins 9 & 10 Open
	Audio enabled	JP9	Pins 1 & 2 Closed
	Audio disabled	JP9	Pins 2 & 3 Closed
	SPDIF output signal level is 5 volts	JP10	Closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
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
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
520MB	(1) 64M x 64	(1) 1M x 64
528MB	(1) 64M x 64	(1) 2M x 64
544MB	(1) 64M x 64	(1) 4M x 64
576MB	(1) 64M x 64	(1) 8M x 64
640MB	(1) 64M x 64	(1) 16M x 64
704MB	(1) 64M x 64	(1) 32M x 64
768MB	(1) 64M x 64	(1) 64M x 64

544MB	(1) 64M x 64	(1) 4M x 64
576MB	(1) 64M x 64	(1) 8M x 64
640MB	(1) 64M x 64	(1) 16M x 64
768MB	(1) 64M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64

Note: PC-100 DIMM (SDRAM) modules are supported

CPU SPEED SELECTION (CX 6x86)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (CX 6x86L)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (CX 6x86MX)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	66MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
233MHz	66MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
233MHz	75MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
233MHz	83MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3

266MHz	83MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
300MHz	66MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
300MHz	75MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2

Note: Pins designated are in the closed position

CPU SPEED SELECTION (IBM 6x86)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (IBM 6x86L)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (IBM 6x86MX)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
200MHz	66MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
233MHz	66MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
233MHz	75MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
233MHz	83MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
266MHz	83MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
300MHz	66MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2

300MHz	75MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
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Note: Pins designated are in the closed position

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
133MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
166MHz	66MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
166MHz	66MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
233MHz	66MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
266MHz	66MHz	4.0x	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
300MHz	66MHz	4.5x	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
300MHz	66MHz	4.5x	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
300MHz	100MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
333MHz	66MHz	5.0x	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
333MHz	95MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
350MHz	100MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
380MHz	95MHz	4.0x	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
400MHz	100MHz	4.0x	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3

Note: Pins designated are in the closed position

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
133MHz	66MHz	2.0x	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
166MHz	66MHz	2.5x	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
233MHz	66MHz	3.5x	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2

Note: Pins designated are in the closed position

VCORE SELECTION

Setting	JP6/Pins 1 & 2	JP6/Pins 3 & 4	JP6/ Pins 5 & 6	JP6/Pins 7 & 8
2.1V	Closed	Open	Open	Open
2.2V	Open	Closed	Open	Open
2.3V	Closed	Closed	Open	Open
2.4V	Open	Open	Closed	Open
2.5V	Closed	Open	Closed	Open
2.8V	Open	Open	Open	Closed
2.9V	Closed	Open	Open	Closed
3.2V	Open	Open	Closed	Closed
3.3V	Closed	Open	Closed	Closed
3.5V	Closed	Closed	Closed	Closed

SYSTEM BUS, MEMORY BUS AND PCI BUS FREQUENCY SELECTION

System	Memory	PCI	JP7/Pins 1 & 2	JP7/Pins 3 & 4	JP7/Pins 5 & 6	JP7/Pins 7 & 8
133.3	133.3	33.3	Open	Open	Open	Open
124	124	31	Open	Open	Open	Closed
112	112	37.3	Open	Open	Closed	Open

100	100	33.3	Open	Open	Closed	Closed
95	95	31.7	Open	Closed	Open	Open
83.3	83.3	33.3	Open	Closed	Open	Closed
75	75	30	Open	Closed	Closed	Open
66.7	66.7	33.3	Open	Closed	Closed	Closed
133.3	88.9	33.3	Closed	Open	Open	Open
124	82.7	31	Closed	Open	Open	Closed
112	74.7	37.3	Closed	Open	Closed	Open
105	70	35	Closed	Open	Closed	Closed
100	66.7	33.3	Closed	Closed	Open	Open
95	63.3	31.7	Closed	Closed	Open	Closed
83.3	66.6	33.3	Closed	Closed	Closed	Open
66.8	89.1	33.4	Closed	Closed	Closed	Closed