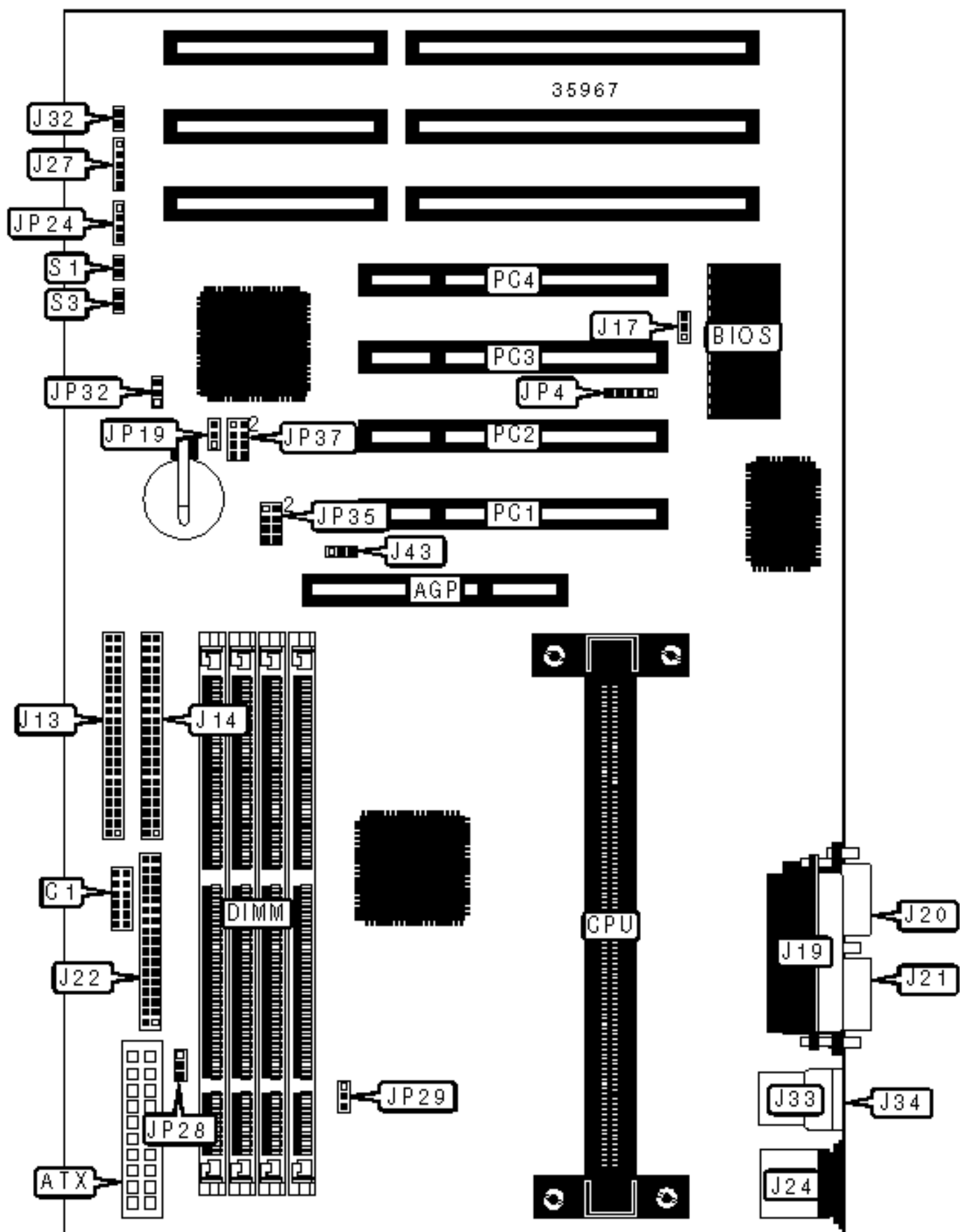


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-637

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Reset switch	J32
ATX power connector	ATX	USB connector 1	J33
EISCA connector	C1	USB connector 2	J34
IDE interface 1	J13	AGP fan power	J43
IDE interface 2	J14	IR connector	JP4
Parallel port	J19	Speaker	JP24
Serial port 1	J20	Chassis fan power	JP28
Serial port 2	J21	CPU fan power	JP29
Floppy drive interface	J22	Soft off power supply	S1
PS/2 mouse port	J24	IDE interface LED	S3
Power LED & keylock	J27	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
Flash BIOS voltage select 12v	J17	Pins 1 & 2 closed
Flash BIOS voltage select 5v	J17	Pins 2 & 3 closed
» CMOS memory normal operation	JP19	Pins 1 & 2 closed
CMOS memory clear	JP19	Pins 2 & 3 closed
» Hard drive select any drive installed	JP32	Pins 1 & 2 closed
Hard drive select Seagate 5v only	JP32	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None

16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64

160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP35/pins 1 & 2	P35/pins 3 & 4	P35/pins 5 & 6	P35/pins 7 & 8
233MHz	66MHz	3.5x	Open	Open	Open	Open
266MHz	66MHz	4x	Open	Open	Open	Open
300MHz	66MHz	4.5x	Open	Open	Open	Open
333MHz	66MHz	5x	Open	Open	Open	Open

CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	JP37/pins 1 & 2	JP37/pins 3 & 4	JP37/pins 5 & 6	JP37/pins 7 & 8
233MHz	66MHz	3.5x	Closed	Open	Closed	Open
266MHz	66MHz	4x	Open	Closed	Closed	Closed
300MHz	66MHz	4.5x	Open	Closed	Closed	Open
333MHz	66MHz	5x	Open	Open	Closed	Closed