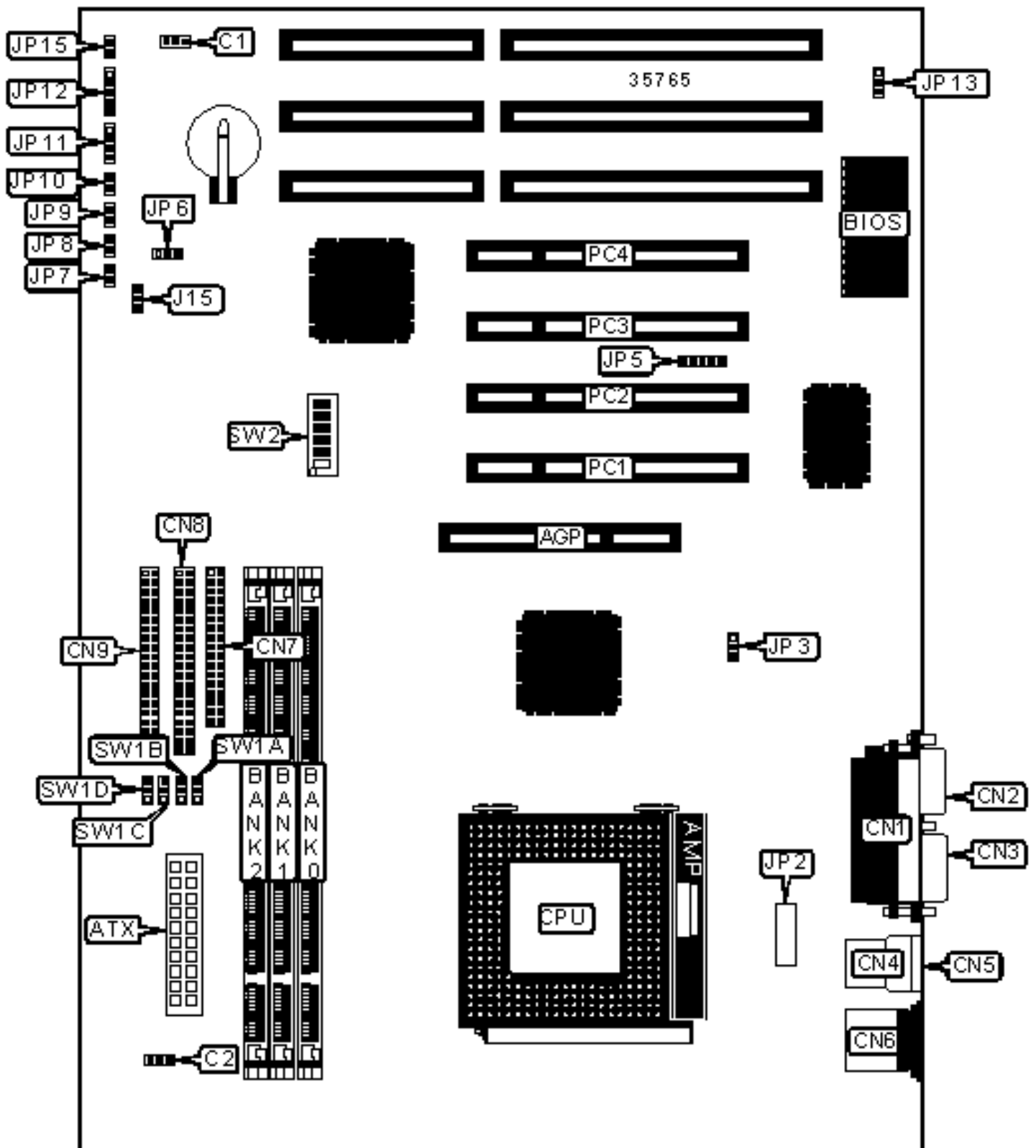


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-595

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	CN9
ATX power connector	ATX	Wake on LAN connector	J15
Chassis fan power	C1	EISCA connector	JP2
CPU fan power	C2	IR connector	JP5
Parallel port	CN1	Soft off power supply	JP7
Serial port 2	CN2	IDE interface LED	JP8
Serial port 1	CN3	Green PC LED	JP9
USB connector 1	CN4	Green PC connector	JP10
USB connector 2	CN5	Speaker	JP11
PS/2 mouse port	CN6	Power LED & keylock	JP12
Floppy drive interface	CN7	Reset switch	JP15
IDE interface 2	CN8	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
CPU burst mode select interleave	JP3	Pins 1 & 2 closed
CPU burst mode select linear	JP3	Pins 2 & 3 closed
» CMOS memory normal operation	JP6	Pins 1 & 2 closed
CMOS memory clear	JP6	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP13	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP13	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
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8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64

96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
120MHz	50MHz	2x	On	On	On	On	Off	Off
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
120MHz	50MHz	2x	On	On	On	On	Off	Off
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
166MHz	60MHz	2.5x	On	Off	Off	On	On	Off

200MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
233MHz	66MHz	3x	Off	Off	Off	Off	On	Off
266MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
166MHz	60MHz	2.5x	On	Off	Off	On	On	Off
200MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
233MHz	66MHz	3x	Off	Off	Off	Off	On	Off
266MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
150MHz	60MHz	2.5x	On	Off	Off	On	On	Off
180MHz	60MHz	3x	On	Off	Off	Off	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
75MHz	50MHz	1.5x	On	On	On	Off	Off	Off
90MHz	60MHz	1.5x	On	Off	Off	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	1.5x	On	Off	Off	Off	Off	Off
133MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
166MHz	66MHz	1.75x	Off	Off	Off	On	On	Off

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4x	Off	Off	Off	On	Off	On

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
75MHz	50MHz	1.5x	On	On	On	Off	Off	Off
90MHz	60MHz	1.5x	On	Off	Off	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	Off	Off	Off	On	Off	Off
150MHz	60MHz	2.5x	On	Off	Off	On	On	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU VOLTAGE SELECTION

Voltage	SW1A	SW1B	SW1C	SW1D
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Auto	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
2.0v	Open	Open	Open	Open
2.1v	Pins 1 & 2 closed	Open	Open	Open
2.2v	Open	Pins 1 & 2 closed	Open	Open
2.3v	Pins 1 & 2 closed	Pins 1 & 2 closed	Open	Open
2.4v	Open	Open	Pins 1 & 2 closed	Open
2.5v	Pins 1 & 2 closed	Open	Pins 1 & 2 closed	Open
2.6v	Open	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
2.8v	Open	Open	Open	Pins 1 & 2 closed
2.9v	Pins 1 & 2 closed	Open	Open	Pins 1 & 2 closed
3.0v	Open	Pins 1 & 2 closed	Open	Pins 1 & 2 closed
3.1v	Pins 1 & 2 closed	Pins 1 & 2 closed	Open	Pins 1 & 2 closed
3.2v	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
3.3v	Pins 1 & 2 closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
3.4v	Open	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.52v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed