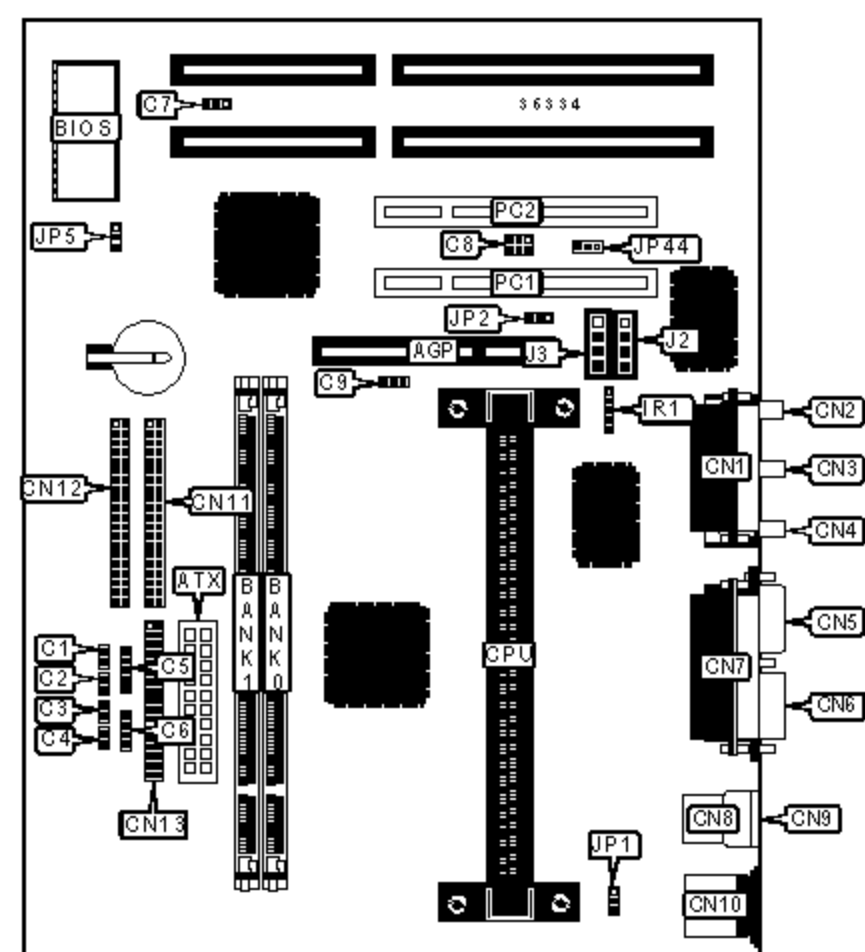


SOYO COMPUTER CO., LTD.

SY-6IEM

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/366MHz
Chip Set	Intel 440/EXLX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Audio Chip Set	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	235mm x 190mm
I/O Options	32-bit PCI slots (2), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Serial port 1	CN5
ATX power connector	ATX	Serial port 2	CN6
Reset switch	C1	Parallel port	CN7
Soft off power supply	C2	USB connector 1	CN8

Turbo LED	C3	USB connector 2	CN9
IDE interface LED	C4	PS/2 mouse port	CN10
Power LED & keylock	C5	IDE interface 2	CN11
Speaker	C6	IDE interface 1	CN12
Chassis fan power	C7	Floppy drive interface	CN13
SB-link connector	C8	IR connector	IR1
CPU fan power	C9	Audio in - CD-ROM	J2
Game/MIDI port	CN1	Audio in - CD-ROM	J3
Microphone in	CN2	Wake on LAN connector	JP44
Line in	CN3	32-bit PCI slots	PC1 - PC2
Line out	CN4		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard power on disabled	JP1	Pins 2 & 3 closed
	Keyboard power on enabled	JP1	Pins 1 & 2 closed
	On board sound enabled	JP2	Pins 2 & 3 closed
	On board sound disabled	JP2	Pins 1 & 2 closed
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed

DIMM CONFIGURATION

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

32MB	(1) 4M x 64	None
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) 8M x 64	None
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
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

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

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