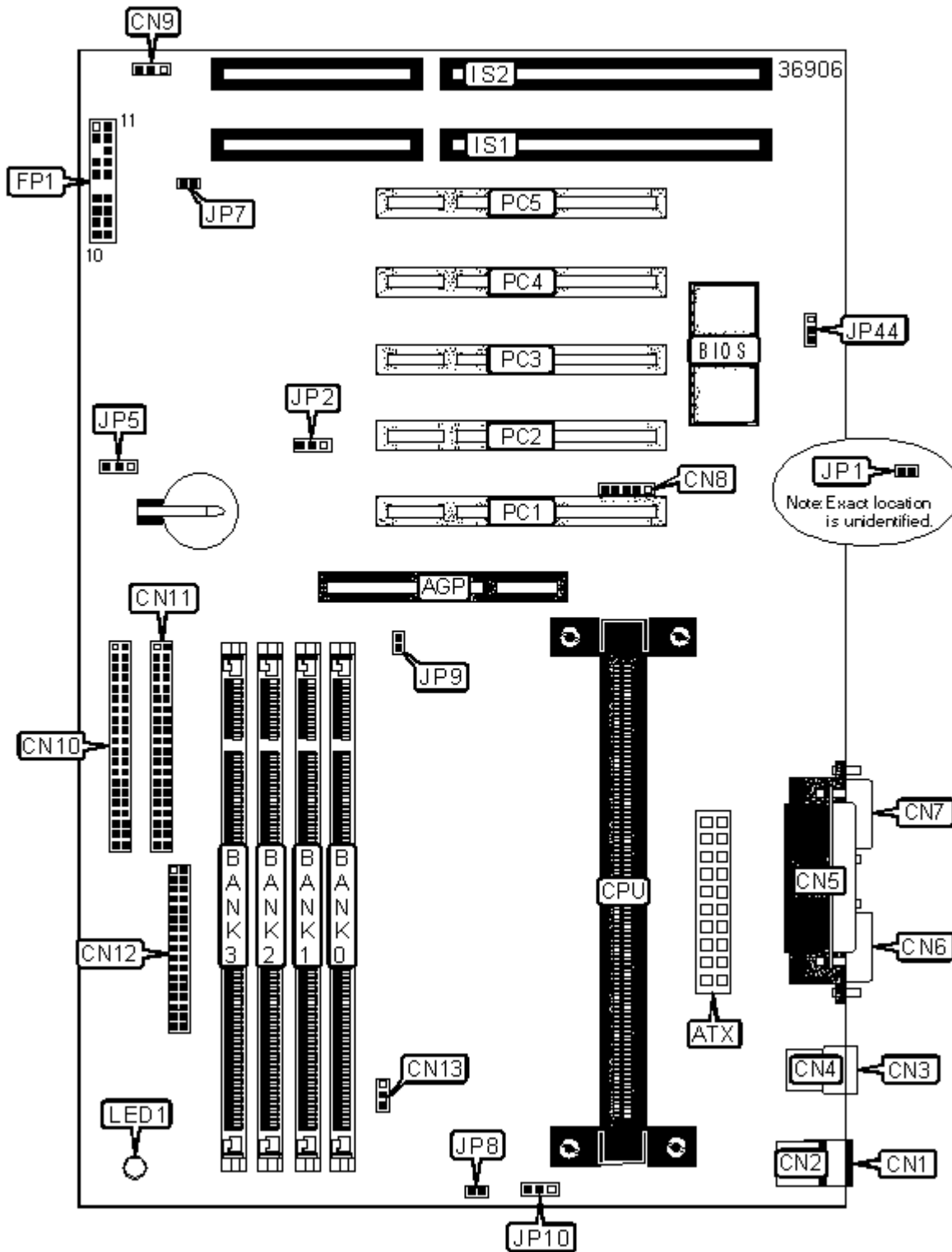


SOYO COMPUTER CO., LTD.

SY-6VBA 133

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/466/500/533/550/566/600MHz
Chip Set	VIA
Maximum Onboard Memory	1.5GB (SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	Unidentified
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), AGP slot, ATX power connector, floppy drive interface, green PC connector, IDE interfaces (2), IR connector, parallel port, PS/2 keyboard port, PS/2 mouse port, serial ports (2), USB ports (2), Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Floppy drive interface	CN12
ATX power connector	ATX	CPU fan power	CN13
PS/2 keyboard port	CN1	Reset switch	FP1/Pins 1 & 2
PS/2 mouse port	CN2	Power switch	FP1/Pins 4 & 5

USB port 1	CN3	Turbo LED	FP1/Pins 7 & 8
USB port 2	CN4	IDE interface LED	FP1/Pins 9 & 10
Parallel port	CN5	Power LED & keylock	FP1/Pins 11 - 15
Serial port 1	CN6	Speaker	FP1/Pins 17 - 20
Serial port 2	CN7	Green PC connector	JP1
IR connector	CN8	Wake-on-LAN connector	JP44
System fan power	CN9	16-bit ISA slots	IS1 -IS2
IDE interface 1	CN10	32-bit PCI slots	PC1 - PC5
IDE interface 2	CN11		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
	Power on by keyboard enabled	JP10	Pins 1 & 2 closed
	Power on by keyboard disabled	JP10	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	None	None	None	(1) 1M x 64
16MB	None	None	(1) 1M x 64	(1) 1M x 64
16MB	None	None	None	(1) 2M x 64
24MB	None	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	None	None	(1) 2M x 64	(1) 2M x 64
32MB	None	None	None	(1) 4M x 64
48MB	None	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64

64MB	None	None	None	(1) 8M x 64
80MB	(1) 1M x 64	(1) 1M x 64	(1) 4M x 64	(1) 4M x 64
96MB	None	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 2M x 64	(1) 2M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	None	None	(1) 8M x 64	(1) 8M x 64
128MB	None	None	None	(1) 16M x 64
144MB	(1) 1M x 64	(1) 1M x 64	(1) 8M x 64	(1) 8M x 64
160MB	(1) 2M x 64	(1) 2M x 64	(1) 8M x 64	(1) 8M x 64
192MB	None	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 4M x 64	(1) 4M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	None	None	(1) 16M x 64	(1) 16M x 64
256MB	None	None	None	(1) 32M x 64
272MB	(1) 1M x 64	(1) 1M x 64	(1) 16M x 64	(1) 16M x 64
288MB	(1) 2M x 64	(1) 2M x 64	(1) 16M x 64	(1) 16M x 64
320MB	(1) 4M x 64	(1) 4M x 64	(1) 16M x 64	(1) 16M x 64
384MB	None	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 8M x 64	(1) 8M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	None	None	(1) 32M x 64	(1) 32M x 64
528MB	(1) 1M x 64	(1) 1M x 64	(1) 32M x 64	(1) 32M x 64
544MB	(1) 2M x 64	(1) 2M x 64	(1) 32M x 64	(1) 32M x 64
576MB	(1) 4M x 64	(1) 4M x 64	(1) 32M x 64	(1) 32M x 64
640MB	(1) 8M x 64	(1) 8M x 64	(1) 32M x 64	(1) 32M x 64
768MB	None	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1040MB	(1) 1M x 64	(1) 1M x 64	(1) 64M x 64	(1) 64M x 64

1056MB	(1) 2M x 64	(1) 2M x 64	(1) 64M x 64	(1) 64M x 64
1088MB	(1) 4M x 64	(1) 4M x 64	(1) 64M x 64	(1) 64M x 64
1152MB	(1) 8M x 64	(1) 8M x 64	(1) 64M x 64	(1) 64M x 64
1280MB	(1) 16M x 64	(1) 16M x 64	(1) 64M x 64	(1) 64M x 64
1536MB	(1) 32M x 64	(1) 32M x 64	(1) 64M x 64	(1) 64M x 64

Note: Board supports SDRAM memory.

Note: DIMM modules should be installed in the order of Bank 3, Bank 2, Bank 1, Bank 0.

Note: Capacity of Bank 0 & Bank 1 is 256MB each. Capacity of Bank 2 & Bank 3 is 512MB each.

CACHE CONFIGURATION

Note: 128KB cache is located on Celeron 300A and greater CPUs. 256/512KB cache is located on the Pentium II & Pentium III CPUs.

FSB BOOT FREQUENCY & AGP DIVIDER SELECTION

Boot-up FSB	BIOS FSB Group	AGP Divider	JP2	JP7
66	66 - 83	1	Pins 1 & 2	Closed
100	90 - 122	1.5	Pins 1 & 2	Open
133	124 - 155	2.0	Pins 2 & 3	Open

Note: Pins designated should be in the closed position.

CPU FSB SPEED SELECTION

FSB Speed	JP8	JP9
66MHz	Closed	Closed
100MHz	Open	Closed
133MHz	Closed	Open

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Green	On	5V standby voltage is available from ATX power supply
LED1	Green	Off	5V standby voltage is not available from ATX power supply