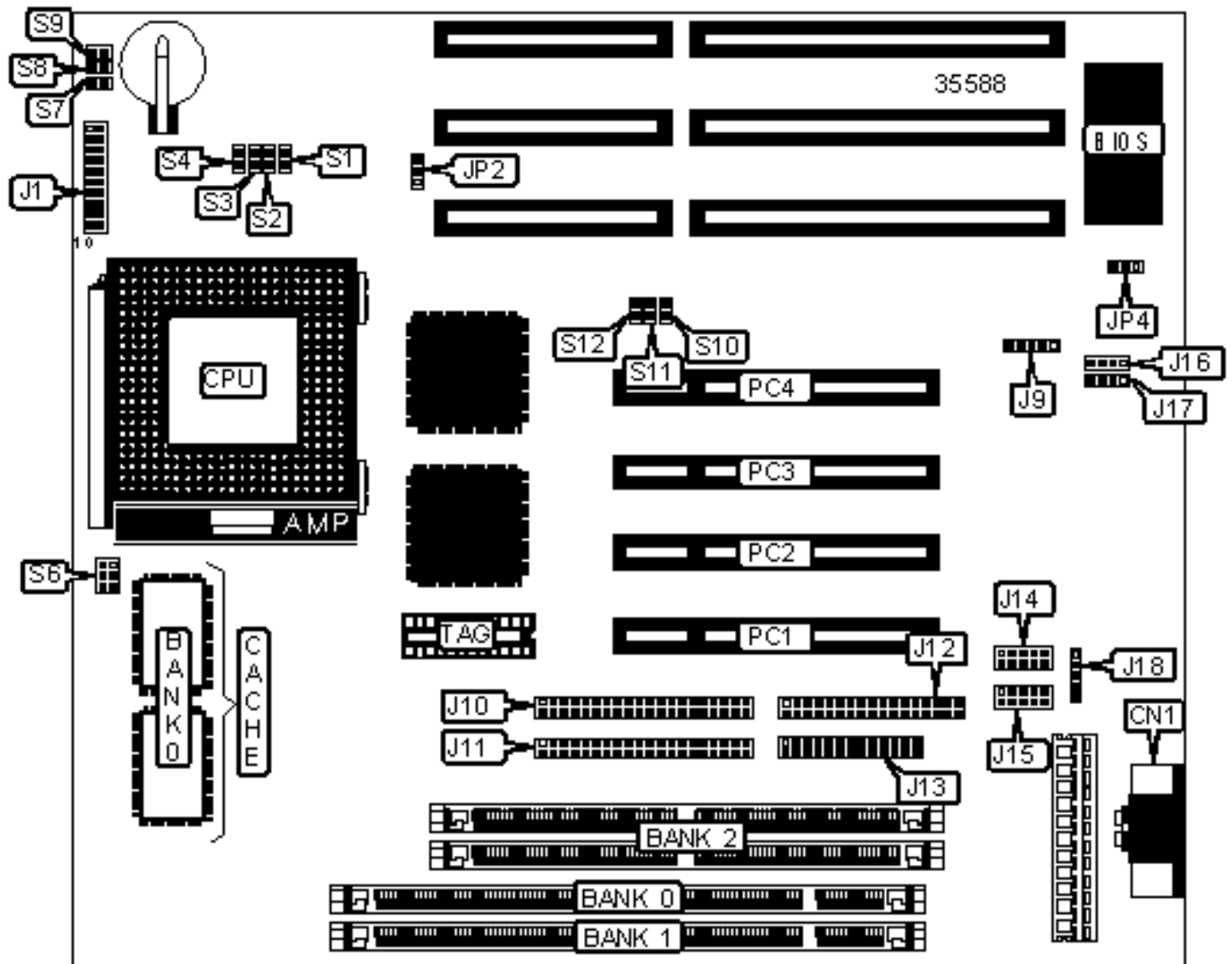


GEMLIGHT COMPUTER LTD.

GMB-P57VPS (VER. 3.03)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	IDE interface 2	J11
IDE interface LED	J1/pins 1 & 2	Floppy drive interface	J12
Suspend LED	J1/pins 3 & 4	Parallel port	J13
Suspend switch	J1/pins 5 & 6	Serial port 1	J14
Reset switch	J1/pins 9 & 10	Serial port 2	J15
Power LED & keylock	J1/pins 11-15	USB connector	J16
Speaker	J1/pins 17-20	USB connector	J17
IR connector	J9	PS/2 mouse interface	J18
IDE interface 1	J10	32-bit PCI slots	PC1 - PC4

## USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
	Flash BIOS voltage select 12v	JP4	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	JP4	Pins 2 & 3 closed

## DRAM CONFIGURATION

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

32MB	(1) 2MB x 64	(1) 2MB x 64	None
32MB	(1) 4MB x 64	None	None
40MB	(1) 2MB x 64	(1) 2MB x 64	(2) 1MB x 32
40MB	(1) 4MB x 64	(1) 1MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(2) 2MB x 32
48MB	(1) 4MB x 64	(1) 2MB x 64	None
64MB	(1) 4MB x 64	(1) 4MB x 64	None
64MB	(1) 8MB x 64	None	None
72MB	(1) 4MB x 64	(1) 4MB x 64	(2) 1MB x 32
72MB	(1) 8MB x 64	(1) 1MB x 64	None
80MB	(1) 4MB x 64	(1) 4MB x 64	(2) 2MB x 32
80MB	(1) 8MB x 64	(1) 2MB x 64	None
96MB	(1) 4MB x 64	(1) 4MB x 64	(2) 4MB x 32
96MB	(1) 8MB x 64	(1) 4MB x 64	None
128MB	(1) 8MB x 64	(1) 8MB x 64	None
128MB	(1) 16MB x 64	None	None
136MB	(1) 8MB x 64	(1) 8MB x 64	(2) 1MB x 32
136MB	(1) 16MB x 64	(1) 1MB x 64	None

DRAM CONFIGURATION (CONT’)			
Size	Bank 0	Bank 1	Bank 2
144MB	(1) 8MB x 64	(1) 8MB x 64	(2) 2MB x 32
144MB	(1) 16MB x 64	(1) 2MB x 64	None
160MB	(1) 8MB x 64	(1) 8MB x 64	(2) 4MB x 32
160MB	(1) 16MB x 64	(1) 4MB x 64	None
192MB	(1) 8MB x 64	(1) 8MB x 64	(2) 8MBx 32

256MB	(1) 16MB x 64	(1) 16MB x 64	None
Note: Board accepts EDO and SDRAM.			

CACHE CONFIGURATION
Note: The cache configuration is unidentified.

CPU SPEED SELECTION (CX 6X86L)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open

CPU SPEED SELECTION (CX 6X86MX)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	60MHz	2.5x	Closed	Closed	Open	Closed	Open	Open
200MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open
233MHz	75MHz	2.5x	Closed	Closed	Open	Open	Closed	Open
233MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open

CPU SPEED SELECTION (AM K5)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
120MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open

CPU SPEED SELECTION (AM K6)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open
233MHz	66MHz	3.5x	Open	Open	Open	Open	Open	Open
266MHz	66MHz	4x	Closed	Open	Closed	Open	Open	Open
300MHz	66MHz	4.5x	Closed	Closed	Closed	Open	Open	Open

CPU SPEED SELECTION (AM K6-2)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
266MHz	66MHz	4x	Closed	Open	Closed	Open	Open	Open

CPU SPEED SELECTION (INTEL)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
90MHz	60MHz	1.5x	Open	Open	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Open
120MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Open	Closed	Open	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open

CPU SPEED SELECTION (INTEL MMX)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open

