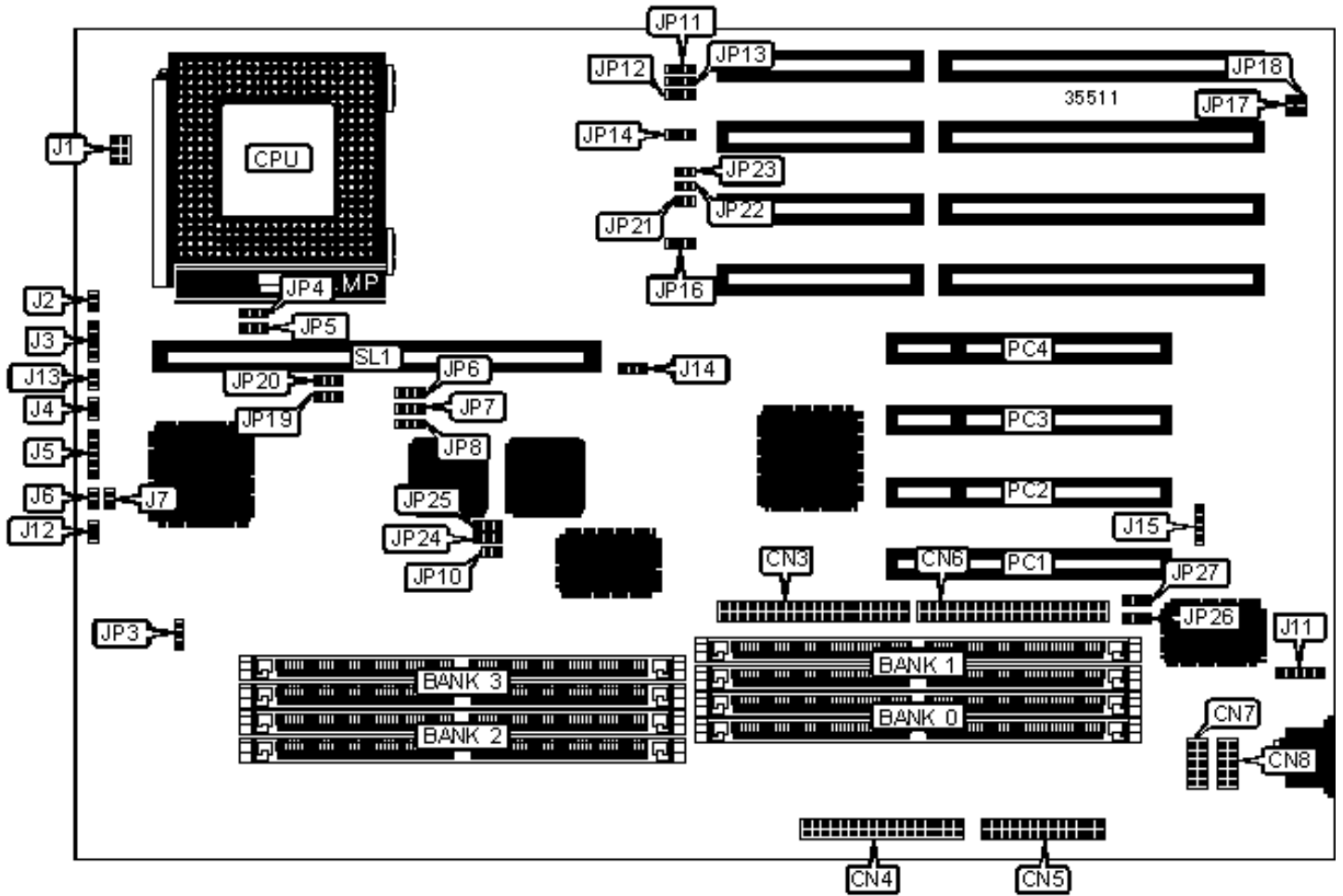


DIAMOND FLOWER, INC.

MBG586VPM2/R

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface 1	CN3	Power LED & keylock	J5
Floppy drive interface	CN4	IDE interface LED	J6
Parallel port	CN5	Disk active connector	J7
IDE interface 2	CN6	PS/2 mouse interface	J11
Serial port 2	CN7	Green PC LED	J12
Serial port 1	CN8	Turbo LED	J13
Reset switch	J2	External battery	J15
Speaker	J3	32-bit PCI slots	PC1 - PC4
Turbo switch	J4	Cache slot	SL1

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J14	Pins 1 & 2 closed
» Factory configured - do not alter	JP4	Pins 2 & 3 closed
» Factory configured - do not alter	JP5	Pins 2 & 3 closed
» Factory configured - do not alter	JP10	Open
» Factory configured - do not alter	JP11	Pins 2 & 3 closed
» Factory configured - do not alter	JP12	Pins 1 & 2 closed
» Factory configured - do not alter	JP13	Pins 1 & 2 closed
» Factory configured - do not alter	JP14	Pins 1 & 2 closed
» Factory configured - do not alter	JP16	Pins 1 & 2 closed
» Monitor type select color	JP17	Closed
» Monitor type select monochrome	JP17	Open
» PS/2 mouse IRQ12 enabled	JP18	Closed

	PS/2 mouse IRQ12 disabled	JP18	Open
»	Factory configured - do not alter	JP21	Closed
»	Factory configured - do not alter	JP22	Closed
»	Factory configured - do not alter	JP23	Closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(2) 256K x 36	(2) 256K x 36	None	None
4MB	(2) 512K x 36	None	None	None
6MB	(2) 256K x 36	(2) 256K x 36	(2) 256K x 36	None
8MB	(2) 256K x 36	(2) 256K x 36	(2) 256K x 36	(2) 256K x 36
8MB	(2) 512K x 36	(2) 512K x 36	None	None
8MB	(2) 1M x 36	None	None	None
12MB	(2) 512K x 36	(2) 512K x 36	(2) 512K x 36	None
16MB	(2) 512K x 36	(2) 512K x 36	(2) 512K x 36	(2) 512K x 36
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 4M x 36	None	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 8M x 36	None	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None

128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION		
Size	SL1	TAG
256KB	256KB module installed	8K x 8
512KB	512KB module installed	8K x 8

CACHE JUMPER CONFIGURATION					
Size	JP6	JP7	JP8	JP19	JP20
256KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
512KB	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION			
CPU speed	Clock speed	Multiplier	J1
120MHz	50MHz	1.5x	1 & 2
133MHz	60MHz	1.5x	1 & 2, 3 & 4
150MHz	66MHz	1.5x	1 & 2, 5 & 6
166MHz	60MHz	2x	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION	
Voltage	JP3

	3.3v	Pins 2 & 3 closed
»	3.45v	Pins 1 & 2 closed

DMA CHANNEL SELECTION		
Channel	JP26	JP27
» 1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

PCI SLOT 4 SELECTION		
Setting	JP24	JP25
» PIO OR DMA mode	Pins 1 & 2 closed	Pins 1 & 2 closed
PIO mode	Pins 2 & 3 closed	Pins 2 & 3 closed