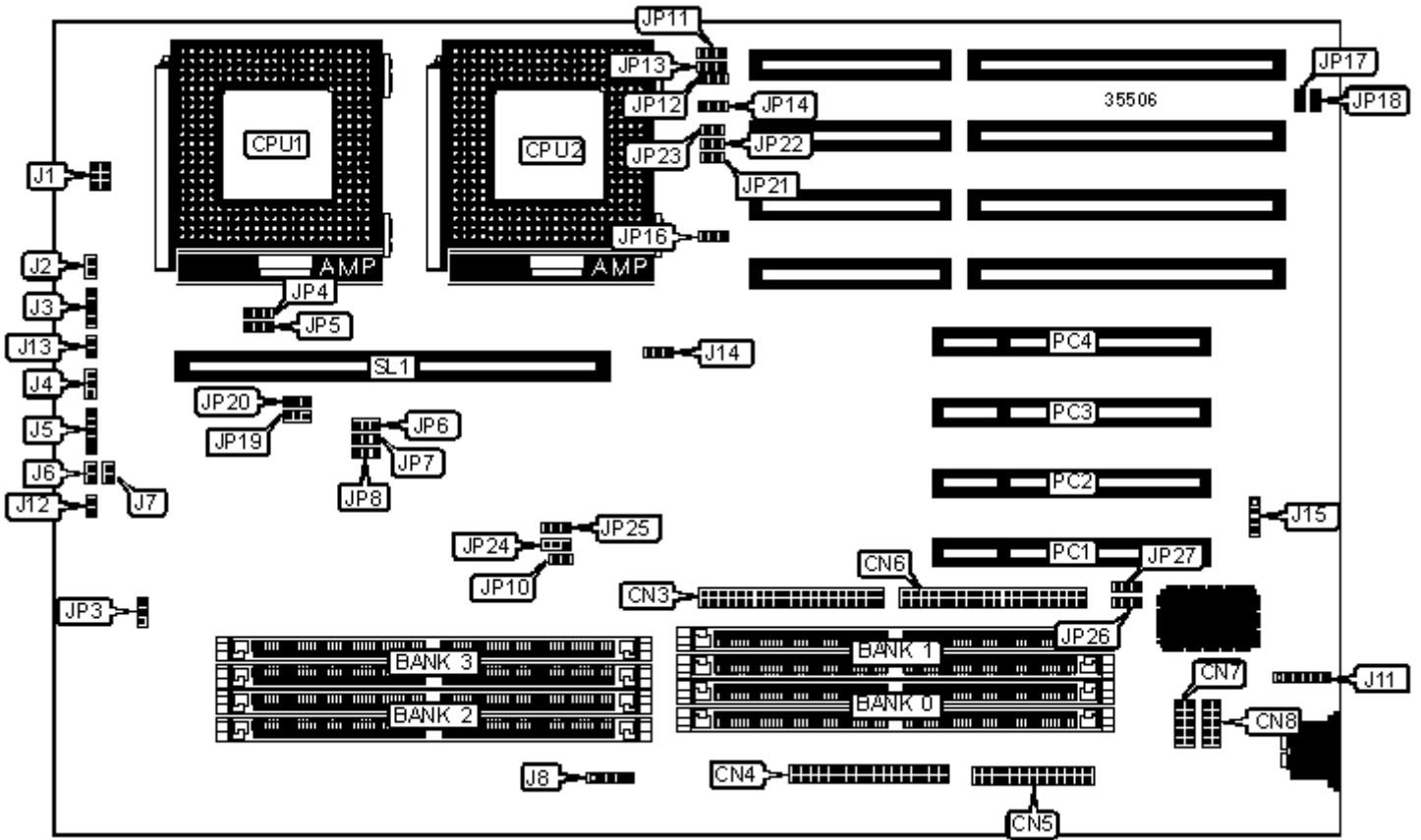


DIAMOND FLOWER, INC.

G586VPM (REV. C+)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface 1	CN3	Turbo switch	J4
Floppy drive interface	CN4	Power LED & keylock	J5
Parallel port	CN5	IDE interface LED	J6
IDE interface 2	CN6	Disk active LED	J7
Serial port 2	CN7	PS/2 mouse interface	J11
Serial port 1	CN8	32-bit PCI slots	PC1 – PC4
Reset switch	J2	Cache slot	SL1
Speaker	J3	IR connector	J8

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP10	Off
» Factory configured - do not alter	JP13	Pins 1 & 2 closed
» Advanced programmable interrupt controller disabled	JP14	Pins 1 & 2 closed
» Advanced programmable interrupt controller enabled	JP14	Pins 2 & 3 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	On
» Factory configured - do not alter	JP22	On
» Factory configured - do not alter	JP23	On

Note: The location of J8 is unidentified.

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(2) 256KB x 36	(2) 256KB x 36	None	None
4MB	(2) 512KB x 36	None	None	None
6MB	(2) 256KB x 36	(2) 256KB x 36	(2) 256KB x 36	None
8MB	(2) 256KB x 36	(2) 256KB x 36	(2) 256KB x 36	(2) 256KB x 36
8MB	(2) 512KB x 36	(2) 512KB x 36	None	None
8MB	(2) 1MB x 36	None	None	None
12MB	(2) 512KB x 36	(2) 512KB x 36	(2) 512KB x 36	
16MB	(2) 512KB x 36	(2) 512KB x 36	(2) 512KB x 36	(2) 512KB x 36
16MB	(2) 1MB x 36	(2) 1MB x 36	None	None
16MB	(2) 2MB x 36	None	None	None
24MB	(2) 1MB x 36	(2) 1MB x 36	(2) 1MB x 36	None
32MB	(2) 1MB x 36	(2) 1MB x 36	(2) 1MB x 36	(2) 1MB x 36
32MB	(2) 2MB x 36	(2) 2MB x 36	None	None
32MB	(2) 4MB x 36	None	None	None
48MB	(2) 2MB x 36	(2) 2MB x 36	(2) 2MB x 36	None
64MB	(2) 2MB x 36	(2) 2MB x 36	(2) 2MB x 36	(2) 2MB x 36
64MB	(2) 4MB x 36	(2) 4MB x 36	None	None
64MB	(2) 8MB x 36	None	None	None
96MB	(2) 4MB x 36	(2) 4MB x 36	(2) 4MB x 36	None
128MB	(2) 4MB x 36	(2) 4MB x 36	(2) 4MB x 36	(2) 4MB x 36
128MB	(2) 8MB x 36	(2) 8MB x 36	None	None
192MB	(2) 8MB x 36	(2) 8MB x 36	(2) 8MB x 36	None
256MB	(2) 8MB x 36	(2) 8MB x 36	(2) 8MB x 36	(2) 8MB x 36

512MB	(2) 16MB x 36	None	None	None
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CACHE CONFIGURATION		
Size	SL1	TAG
256KB	256KB module installed	Unidentified
512KB	512KB module installed	Unidentified
1MB	1MB module installed	Unidentified

Note: The location of the TAG is unidentified.

CACHE JUMPER CONFIGURATION						
Size	JP6	JP7	JP8	JP19	JP20	TAG
256KB (A)	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	Not installed
512KB (A)	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2	Not installed
512KB (B)	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	Installed
1MB (B)	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Installed

Note: Pins designated should be in the closed position. (A) = 32-byte line size. (B) = 64-byte line size.

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	J6	J11	J12
75MHz	50MHz	1.5x	1 & 2	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2, 5 & 6	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2, 3 & 4, 5 & 6	2 & 3	2 & 3
100MHz	50MHz	2x	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2, 5 & 6	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2, 3 & 4, 5 & 6	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	JP3
CPU voltage 3.45V-3.6V	Pins 1 & 2 closed
CPU voltage 3.3V-3.45V	Pins 2 & 3 closed

PCI MASTER/SLAVE

PCI	JP24	JP25
PCI slot 4 master	Pins 2 & 3 closed	Pins 2 & 3 closed
PCI slot 4 slave	Pins 1 & 2 closed	Pins 1 & 2 closed

PRINTER PORT DMA CHANNEL

Channel	JP26	JP27
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

CACHE MEMORY TYPE

Type	JP4	JP5
Asynchronous SRAM module	Pins 1 & 2 closed	Pins 1 & 2 closed
Pipeline burst SRAM module	Pins 2 & 3 closed	Pins 2 & 3 closed