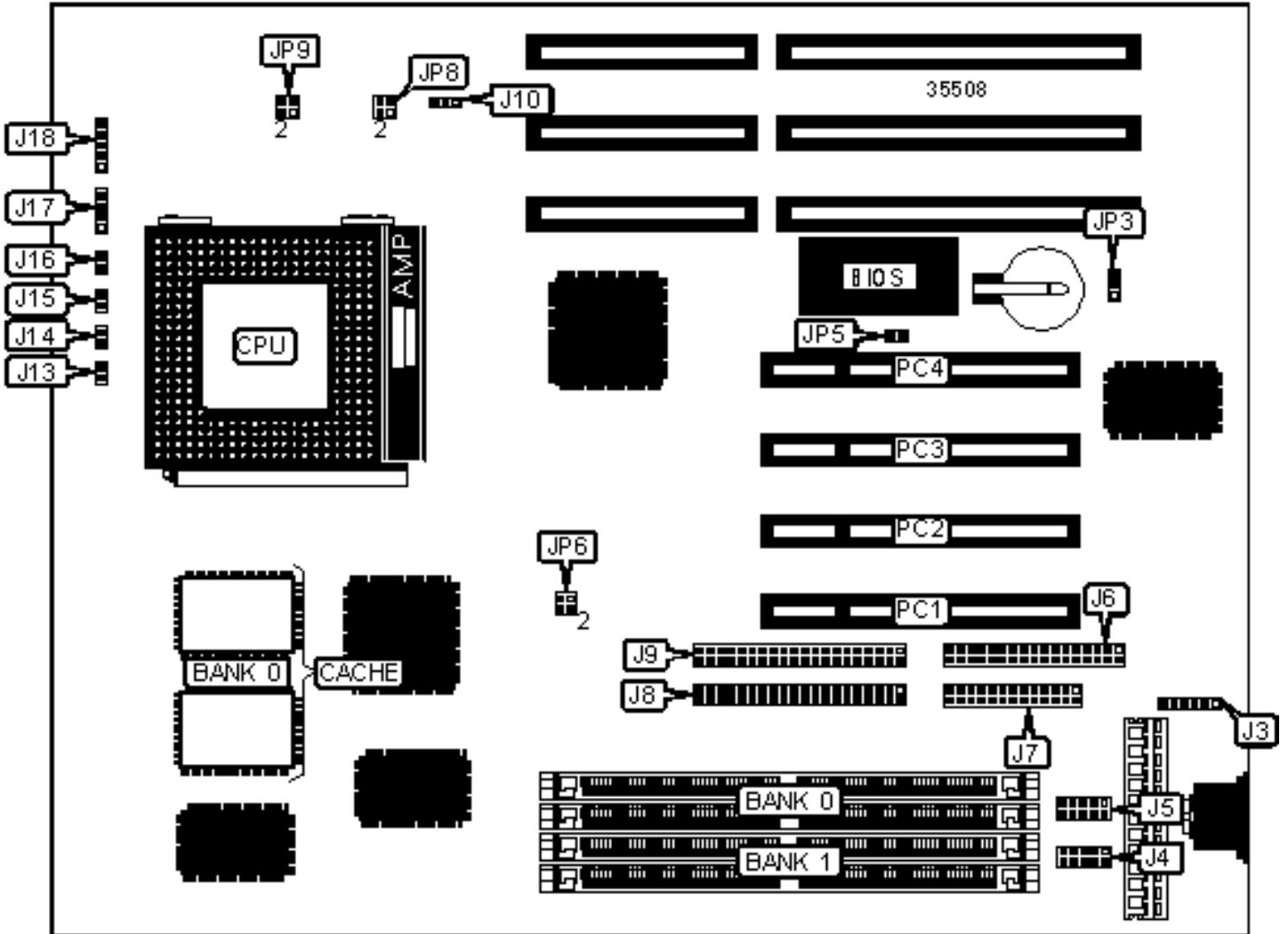


DIAMOND FLOWER, INC.

G586VX/E (REV. C+), G586IPV/E (REV. C+)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse interface	J3		
Serial port 1	J4	IDE interface LED	J13
Serial port 2	J5	Green PC LED	J14
Floppy drive interface	J6	Green PC connector	J15
Parallel port	J7	Reset switch	J16
IDE interface 1	J8	Speaker	J17
IDE interface 2	J9	Power LED & keylock	J18
Chassis fan power	J10	32-bit PCI slots	PC1 - PC4

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Monitor type select color	JP3	Pins 1 & 2 closed
Monitor type select monochrome	JP3	Pins 2 & 3 closed
» CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed

## DRAM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1MB x 36	None
16MB	(2) 2MB x 36	None
16MB	(2) 1MB x 36	(2) 1MB x 36
24MB	(2) 2MB x 36	(2) 1MB x 36
32MB	(2) 4MB x 36	None
32MB	(2) 2MB x 36	(2) 2MB x 36

40MB	(2) 4MB x 36	(2) 1MB x 36
48MB	(2) 4MB x 36	(2) 2MB x 36
64MB	(2) 8MB x 36	None
64MB	(2) 4MB x 36	(2) 4MB x 36
72MB	(2) 8MB x 36	(2) 1MB x 36
80MB	(2) 8MB x 36	(2) 2MB x 36
96MB	(2) 8MB x 36	(2) 4MB x 36
128MB	(2) 8MB x 36	(2) 8MB x 36
Note: Board accepts EDO memory.		

<b>CACHE CONFIGURATION</b>	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

<b>CPU SPEED SELECTION (CX 6X86)</b>				
Speed	Clock	Multiplier	JP6	JP8
120MHz	50MHz	2x	1 & 2, 3 & 4	1 & 2
133MHz	55MHz	2x	Open	1 & 2
150MHz	60MHz	2x	1 & 2	1 & 2
166MHz	66MHz	2x	3 & 4	1 & 2
Note: Pins designated are in the closed position				

<b>CPU SPEED SELECTION (AM K5)</b>				
Speed	Clock	Multiplier	JP6	JP8
75MHz	50MHz	1.5x	1 & 2, 3 & 4	Open

90MHz	60MHz	1.5x	1 & 2	Open
100MHz	66MHz	1.5x	3 & 4	Open
Note: Pins designated are in the closed position				

<b>CPU SPEED SELECTION (INTEL)</b>				
Speed	Clock	Multiplier	JP6	JP8
75MHz	50MHz	1.5x	1 & 2, 3 & 4	Open
90MHz	60MHz	1.5x	1 & 2	Open
100MHz	66MHz	1.5x	3 & 4	Open
120MHz	60MHz	2x	1 & 2	1 & 2
133MHz	66MHz	2x	3 & 4	1 & 2
150MHz	60MHz	2.5x	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	3 & 4	1 & 2, 3 & 4
200MHz	66MHz	3x	3 & 4	3 & 4
Note: Pins designated are in the closed position				

<b>CPU VOLTAGE SELECTION</b>		
Voltage		JP9
»	3.3v	Pins 1 & 2 closed
	3.5v	Pins 3 & 4 closed