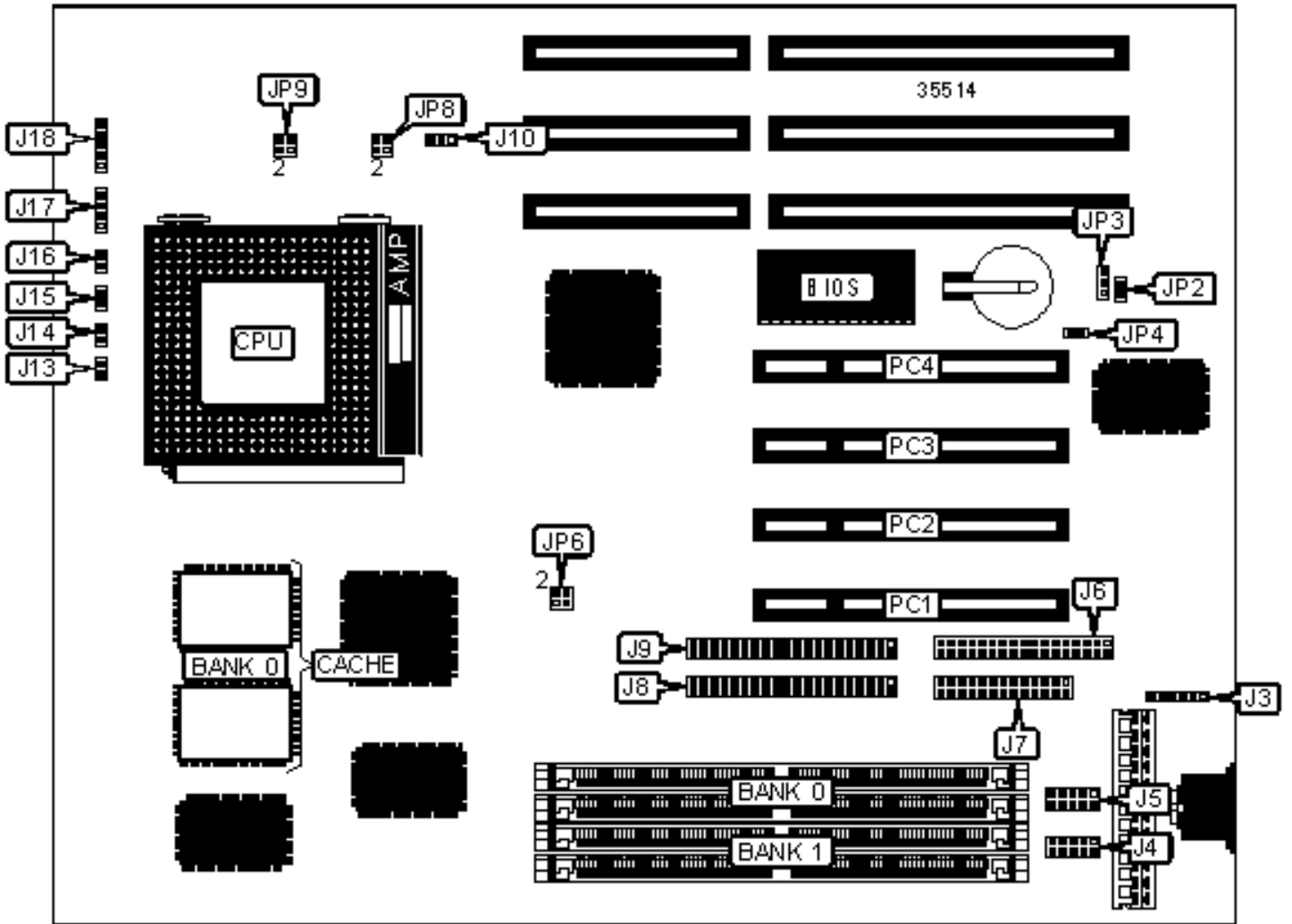


DIAMOND FLOWER, INC.

G586IPV/E (REV. B+)

Configuration



CONNECTIONS

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

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JP2	Open
CMOS memory clear	JP2	Closed
» Monitor type select color	JP3	Pins 1 & 2 closed
Monitor type select monochrome	JP3	Pins 2 & 3 closed

SIMM CONFIGURATION

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

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

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 16K x 32
512KB	(2) 32K x 32

CPU SPEED SELECTION (CX 6X86)					
CPU speed	Clock speed	Multiplier	JP4	JP6	JP8
120MHz	50MHz	2x	Open	1 & 2, 3 & 4	1 & 2
133MHz	55MHz	2x	Open	Open	1 & 2
150MHz	60MHz	2x	Closed	1 & 2	1 & 2
166MHz	66MHz	2x	Closed	3 & 4	1 & 2
Note: Pins designated are in the closed position.					

CPU SPEED SELECTION (AM K5)					
CPU speed	Clock speed	Multiplier	JP4	JP6	JP8
75MHz	50MHz	1.5x	Open	1 & 2, 3 & 4	Open

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

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP4	JP6	JP8
75MHz	50MHz	1.5x	Open	1 & 2, 3 & 4	Open
90MHz	60MHz	1.5x	Closed	1 & 2	Open
100MHz	66MHz	1.5x	Closed	3 & 4	Open
120MHz	60MHz	2x	Closed	1 & 2	1 & 2
133MHz	66MHz	2x	Closed	3 & 4	1 & 2
150MHz	60MHz	2.5x	Closed	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	Closed	3 & 4	1 & 2, 3 & 4
200MHz	66MHz	3x	Closed	3 & 4	3 & 4
Note: Pins designated are in the closed position.					

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