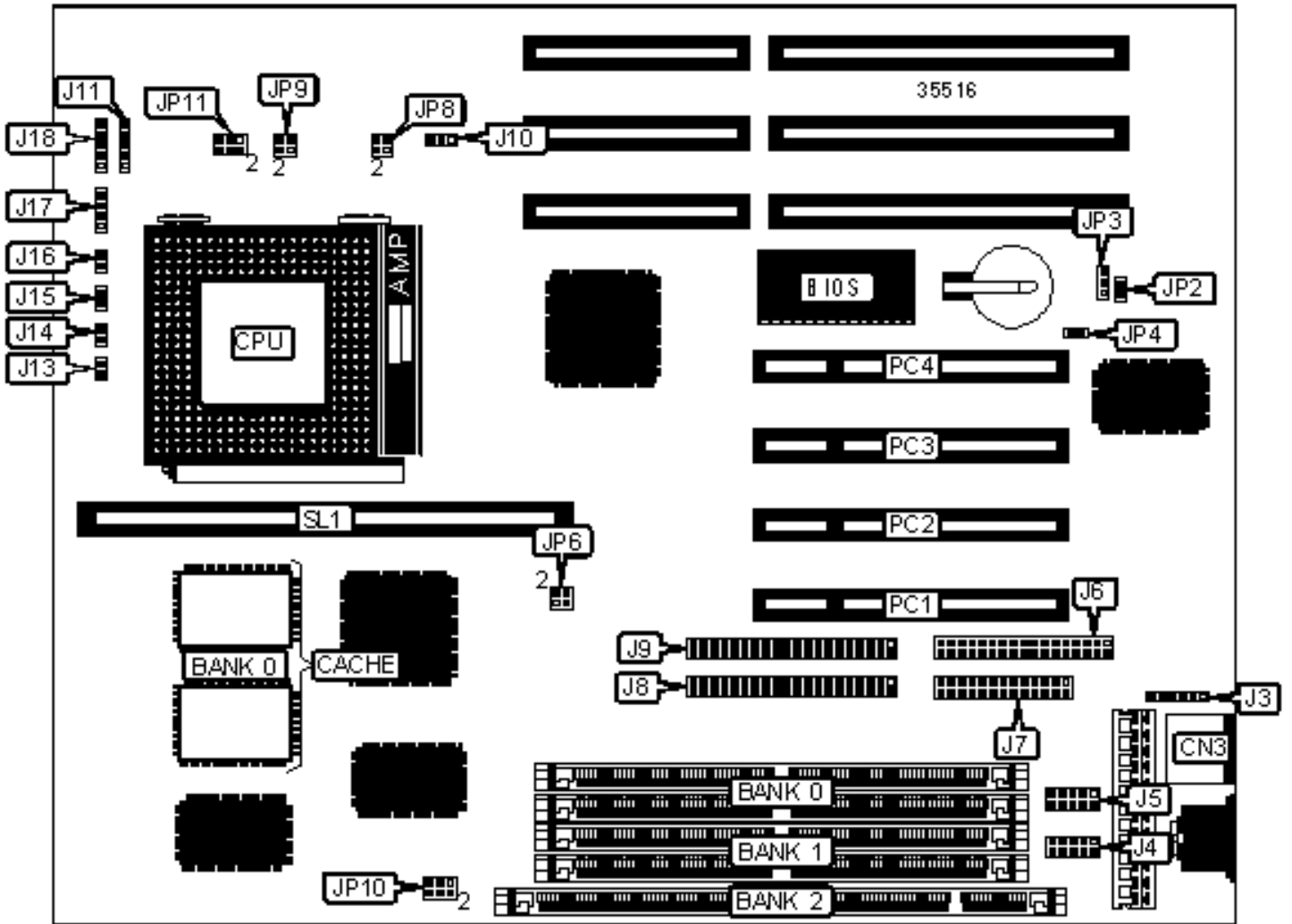


DIAMOND FLOWER, INC.

G586IPV (REV. A+)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse port	CN3	IR connector	J11
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	Cache slot	SL1

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP2	Unidentified
» Monitor type select color	JP3	Pins 1 & 2 closed
» Monitor type select monochrome	JP3	Pins 2 & 3 closed
» Factory configured - do not alter	JP4	Unidentified
» Factory configured - do not alter	JP10	Unidentified

DIMM/DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	None	None	(1) 1M x 64
8MB	(2) 1M x 36	None	None
16MB	None	None	(1) 2M x 64
16MB	(2) 1M x 36	None	(1) 1M x 64

16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 2M x 36	None	(1) 1M x 64
24MB	(2) 1M x 36	None	(1) 2M x 64
24MB	(2) 2M x 36	(2) 1M x 36	None
32MB	(2) 2M x 36	None	(1) 2M x 64
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	None	(1) 1M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 4M x 36	None	(1) 2M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
72MB	(2) 8M x 36	None	(1) 1M x 64

DIMM/DRAM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
72MB	(2) 8M x 36	(2) 1M x 36	None
80MB	(2) 8M x 36	None	(1) 2M x 64
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	(2) 8M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs. Banks 0 & 1 are interchangeable.

CACHE CONFIGURATION

Size	Bank 0	SL1
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed
512KB	(2) 64K x 32	Not installed

CPU SPEED SELECTION (CX 6X86)				
CPU speed	Clock speed	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 should be in the closed position.

CPU SPEED SELECTION (AM K5)				
CPU speed	Clock speed	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 should be in the closed position.

CPU SPEED SELECTION (INTEL)				
CPU speed	Clock speed	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 should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)

Voltage	JP9	JP11
2.8v	Pins 1 & 2 closed	Pins 1 & 3, 2 & 4 closed

CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP9	JP11
» 3.3v	Pins 1 & 2 closed	Pins 3 & 5, 4 & 6 closed
3.5v	Pins 3 & 4 closed	Pins 3 & 5, 4 & 6 closed