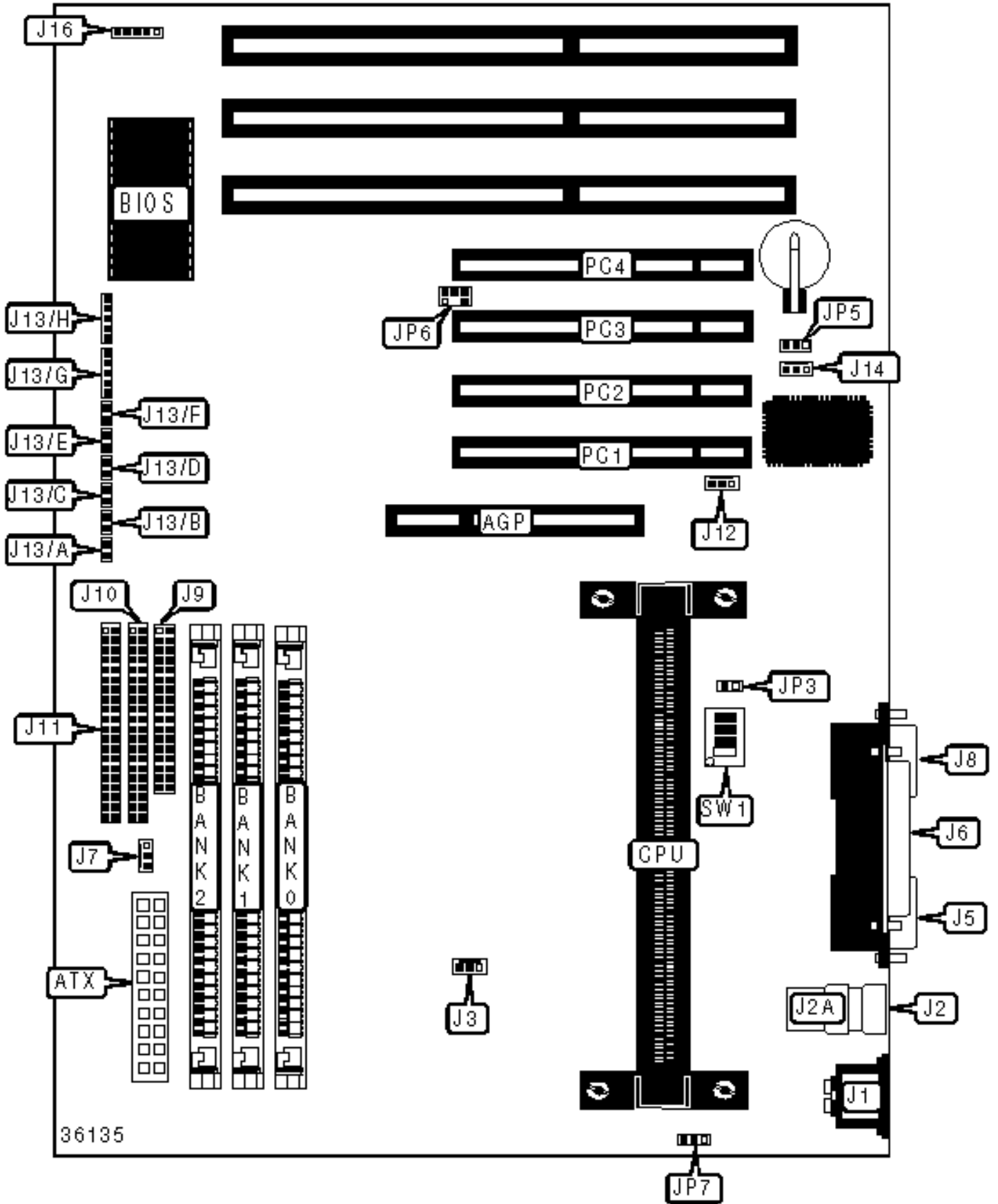


DIAMOND FLOWER, INC.

P2XBL (REV. B+)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	AGP fan power	J12
ATX power	ATX	Stand by LED	J13/A
PS/2 mouse port	J1	IDE interface LED	J13/B
USB connector 1	J2	Green PC LED	J13/C
USB connector 2	J2A	Soft off power button connector	J13/D
Chassis fan power	J3	Green PC switch	J13/E
Serial port 1	J5	Reset switch	J13/F
Parallel port	J6	Speaker	J13/G
CPU fan power	J7	Power LED & keylock	J13/H
Serial port 2	J8	Wake on LAN connector	J14
Floppy drive interface	J9	IR connector	J16
IDE interface 2	J10	SB link connector	JP6
IDE interface 1	J11	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CPU front side bus select auto	JP3	Closed
CPU front side bus select 100MHz	JP3	Open
» CMOS memory normal operation	JP5	Pins 1 & 2 closed
CMOS memory clear	JP5	Pins 2 & 3 closed
» Wake on keyboard/mouse disabled	JP7	Pins 1 & 2 closed
Wake on keyboard/mouse enabled	JP7	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
136MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

CACHE CONFIGURATION

56KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron

300A & 330

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
300MHz	100MHz	3x	On	Off	On	On
333MHz	66MHz	5x	On	Off	Off	On
350MHz	66MHz	3.5x	Off	Off	On	On
400MHz	66MHz	4x	On	On	Off	On
450MHz	66MHz	4.5x	Off	On	Off	On