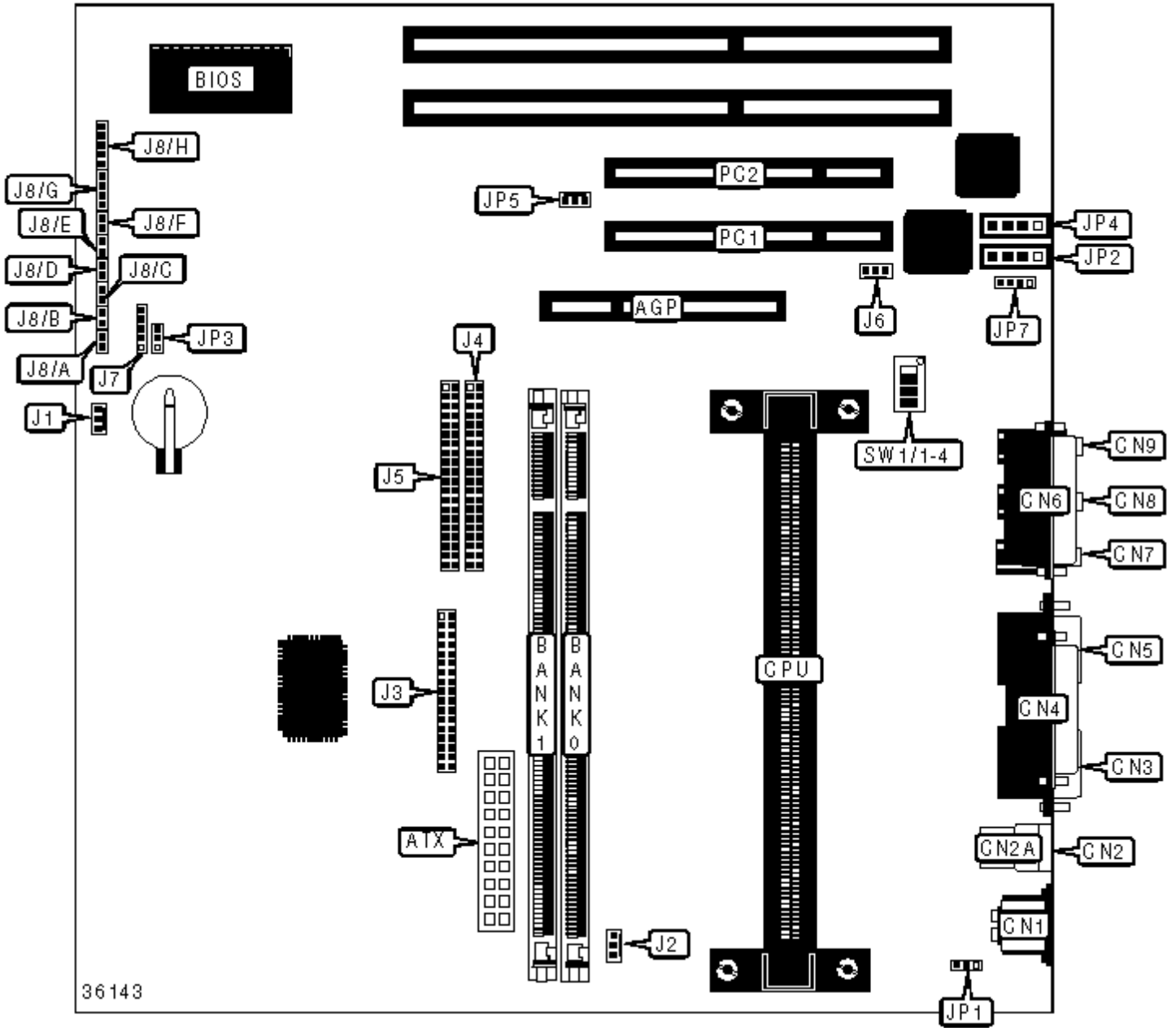


DIAMOND FLOWER, INC.

P2MEX/A (REV.A+)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	J5
ATX power	ATX	AGP fan power	J6
PS/2 mouse port	CN1	IR connector	J7
USB connector 1	CN2	ATX/Standby LED	J8/A
USB connector 2	CN2A	IDE interface LED	J8/B
Serial port 1	CN3	Green PC LED	J8/C
Parallel port	CN4	ATX power switch	J8/D
Serial port 2	CN5	Green switch	J8/E
Game port	CN6	Reset switch	J8/F
Speaker line out	CN7	Speaker	J8/G
Line in	CN8	Power LED & keylock	J8/H
Microphone in	CN9	Audio in – CD-ROM	JP2
Chassis fan power	J1	Audio in – CD-ROM	JP4
CPU fan power	J2	WOL connector	JP5
Floppy drive interface	J3	Audio in – CD-ROM	JP7
IDE interface 2	J4	32-bit PCI slots	PC1 - PC2

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Wake-on-keyboard enabled	JP1	Pins 2 & 3 closed
Wake-on-keyboard disabled	JP1	Pins 1 & 2 closed
» CMOS memory normal operation	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed
» Factory configured - do not alter	SW1/1	On

## DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

## CACHE CONFIGURATION

256/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

**CPU SPEED SELECTION**

CPU speed	Clock speed	Multiplier	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	Off	Off
266MHz	66MHz	4x	Off	On	On
300MHz	66MHz	4.5x	Off	On	Off
333MHz	66MHz	5x	Off	Off	On