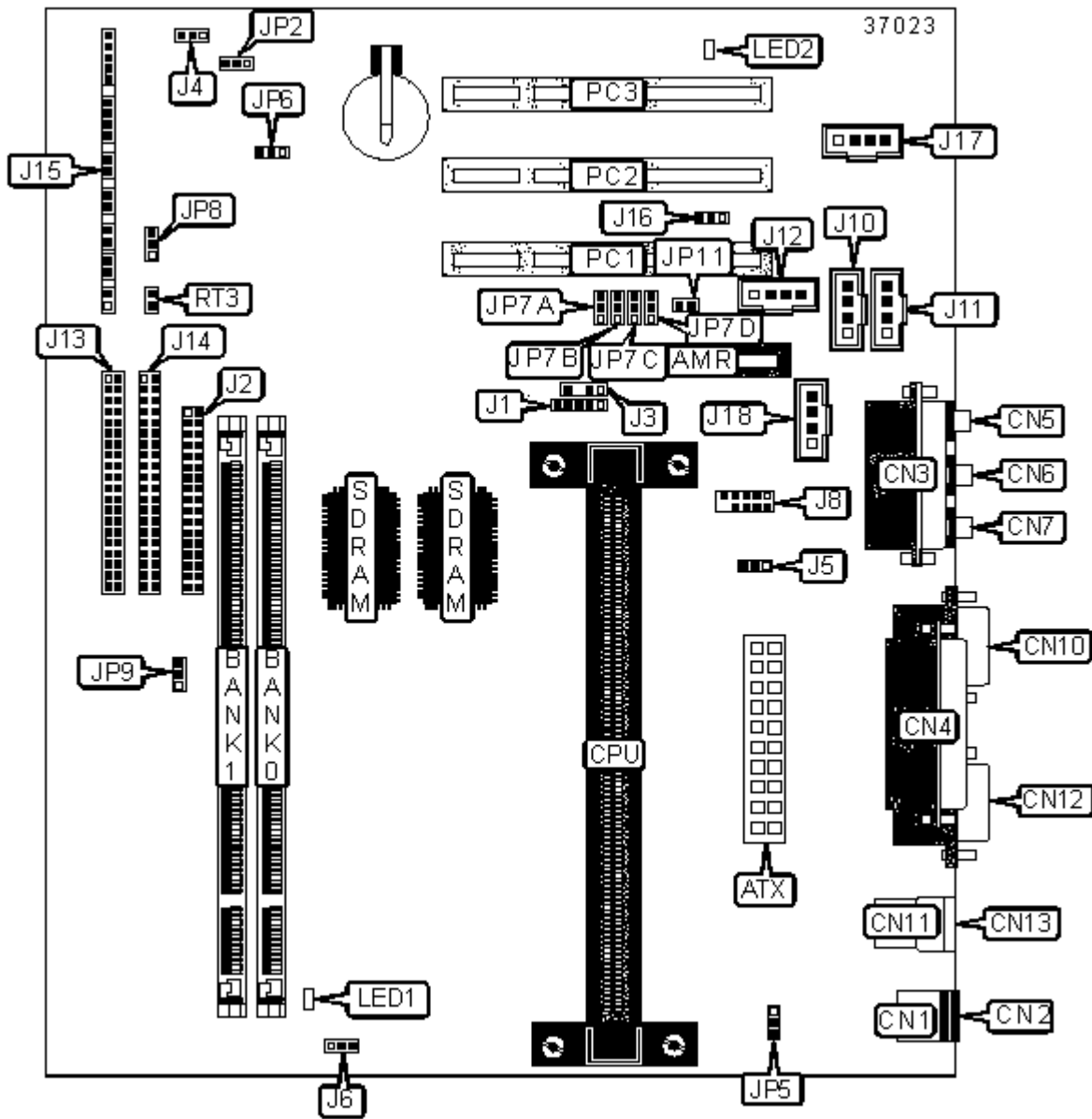


DIAMOND FLOWER, INC.

PW35-D (REV. A+)

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/466/500/550/600MHz
Chip Set	Intel 810 DC100
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	4MB
Maximum Audio Memory	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	244mm x 210mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial port, serial interface, VGA port, AMR, USB ports (2), IR connector, ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (3), audio in - AUX, TAD connector



CONNECTIONS

Purpose	Location	Purpose	Location
Audio/modem riser slot	AMR	Serial interface	J8
ATX power connector	ATX	Audio in - CD-ROM (Sony)	J10
PS/2 mouse port	CN1	Audio in - CD-ROM (Mitsumi)	J11
PS/2 keyboard port	CN2	Audio in - CD-ROM (Sony)	J12
Game/MIDI port	CN3	IDE interface 1	J13
Parallel port	CN4	IDE interface 2	J14
Microphone in	CN5	IDE interface LED	J15/Pins 1 & 2
Line in	CN6	Green PC LED	J15/Pins 4 & 5

Line out	CN7	Power switch	J15/Pins 7 & 8
VGA port	CN10	Green PC switch	J15/Pins 10 & 11
USB port 1	CN11	Reset switch	J15/Pins 13 & 14
Serial port	CN12	PC speaker	J15/Pins 16-19
USB port 2	CN13	Power LED & keylock connector	J15/Pins 21 - 25
IR connector	J1	Wake-on-LAN connector	J16
Floppy drive interface	J2	TAD connector	J17
Chassis intrusion connector	J3	Audio in - AUX	J18
Chassis fan power 1	J4	32-bit PCI slots	PC1 - PC3
CPU fan power	J5	Thermal connector	RT3
Chassis fan power 2	J6		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Wake-on-keyboard/mouse disabled	JP5	Pins 1 & 2 closed
	Wake-on-keyboard/mouse enabled	JP5	Pins 2 & 3 closed
»	Factory configured - do not alter	JP6	Pins 1 & 2 closed
»	PC speaker enabled	JP8	Pins 2 & 3 closed
	External speaker enabled	JP8	Pins 1 & 2 closed
»	3.3VSB standby for PCI slots enabled	JP11	Closed
	3.3VSB standby for PCI slots disabled	JP11	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
16MB	(1) 2M x 64	None
32MB	(1) 4M x 64	None

32MB	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M 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
256MB	(1) 32M x 64	None
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports SDRAM memory.		

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium III CPUs. 256/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater CPUs..

CPU SPEED SELECTION

Clock speed		JP9
»	Automatic speed selection	Pins 2 & 3 closed
	66MHZ	Pins 1 & 2 closed
	100MHZ	Open

AUDIO CODEC SELECTION

Setting		JP7A	JP7B	JP7C	JP7D
»	On-board audio CODEC enabled	1 & 2	1 & 2	1 & 2	1 & 2
	On-board audio CODEC disabled	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Unidentified	On	DIMM standby power on
LED1	Unidentified	Off	DIMM standby power off
LED2	Unidentified	On	PCI standby power on
LED2	Unidentified	Off	PCI standby power off