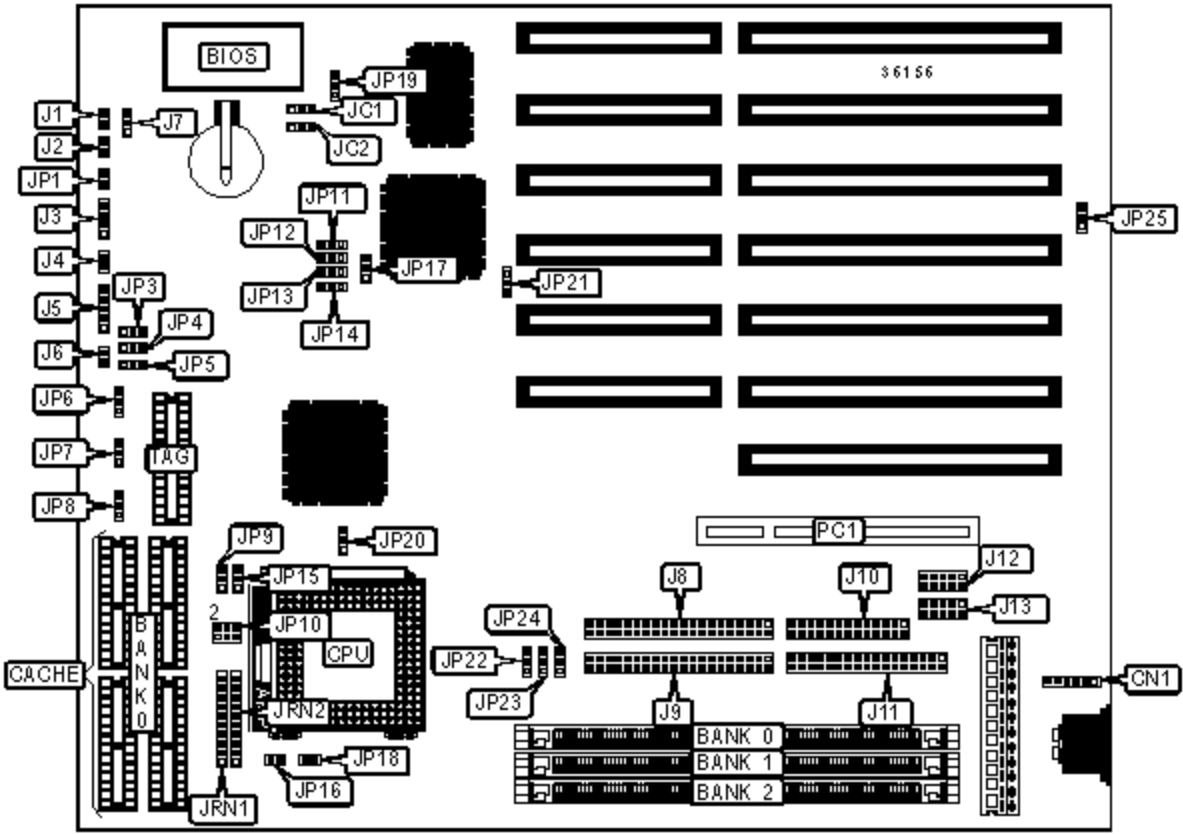


DIAMOND FLOWER, INC.

G486VPC (REV.A+)

Processor	CX486DX2/AM486DX2/SGS486DX2/80486DX2/CX486DX4/ AM486DX4/SGS486DX4/80486DX4/ODP80486DX4/P24T/AM5X86/ CX5X86/SGS5X86
Processor Speed	25/33/40MHz
Chip Set	VIA
Maximum Onboard Memory	64MB
Cache	128/256KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slot, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2)



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse interface	CN1	IDE interface 1	J8
Turbo LED	J1	IDE interface 2	J9
Green PC LED	J2	Parallel port	J10
Speaker	J3	Floppy drive interface	J11
Reset switch	J4	Serial port 1	J12
Power LED & keylock	J5	Serial port 2	J13
IDE interface LED	J6	32-bit PCI slot	PC1

Turbo switch	J7		
--------------	----	--	--

USER CONFIGURABLE SETTINGS

	Function	Label	Position
	On board battery disabled	JC1	Pins 2 & 3 closed
	On board battery enabled	JC1	Pins 1 & 2 closed
»	CMOS memory normal operation	JC2	Pins 1 & 2 closed
	CMOS memory clear	JC2	Pins 2 & 3 closed
»	Factory configured - do not alter	JP1	Open
»	Factory configured - do not alter	JP11	Pins 1 & 2 closed
»	Factory configured - do not alter	JP12	Pins 1 & 2 closed
»	Factory configured - do not alter	JP14	Pins 1 & 2 closed
»	Factory configured - do not alter	JP17	Pins 1 & 2 closed
	Flash BIOS voltage select 12v	JP19	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	JP19	Pins 2 & 3 closed
»	Factory configured - do not alter	JP24	Open
»	Factory configured - do not alter	JP25	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
1MB	(1) 256K x 32	None	None
2MB	(1) 256K x 32	(1) 256K x 32	None
2MB	(1) 512K x 32	None	None
3MB	(1) 256K x 32	(1) 256K x 32	(1) 256K x 32
3MB	(1) 512K x 32	None	(1) 256K x 32
4MB	(1) 1M x 32	None	None
4MB	(1) 512K x 32	None	(1) 512K x 32

	(1) 512K x 32	None	(1) 512K x 32
5MB	(1) 1M x 32	(1) 256K x 32	None
6MB	(1) 1M x 32	(1) 256K x 32	(1) 256K x 32
6MB	(1) 512K x 32	None	(1) 1M x 32
8MB	(1) 1M x 32	(1) 1M x 32	None
8MB	(1) 2M x 32	None	None
9MB	(1) 1M x 32	(1) 1M x 32	(1) 256K x 32
9MB	(1) 2M x 32	None	(1) 256K x 32
12MB	(1) 1M x 32	(1) 1M x 32	(1) 1M x 32
12MB	(1) 2M x 32	None	(1) 1M x 32
16MB	(1) 4M x 32	None	None
16MB	(1) 2M x 32	None	(1) 2M x 32
17MB	(1) 4M x 32	(1) 256K x 32	None
18MB	(1) 4M x 32	(1) 256K x 32	(1) 256K x 32
18MB	(1) 512K x 32	None	(1) 4M x 32
20MB	(1) 4M x 32	(1) 1M x 32	None
21MB	(1) 4M x 32	(1) 1M x 32	(1) 256K x 32
24MB	(1) 4M x 32	(1) 1M x 32	(1) 1M x 32
24MB	(1) 2M x 32	None	(1) 4M x 32
32MB	(1) 4M x 32	(1) 4M x 32	None
32MB	(1) 4M x 32	None	(1) 4M x 32
32MB	(1) 8M x 32	None	None
33MB	(1) 4M x 32	(1) 4M x 32	(1) 256K x 32
33MB	(1) 8M x 32	None	(1) 256K x 32
34MB	(1) 8M x 32	None	(1) 512K x 32
36MB	(1) 4M x 32	(1) 4M x 32	(1) 1M x 32
36MB	(1) 8M x 32	None	(1) 1M x 32
40MB	(1) 8M x 32	None	(1) 2M x 32

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
48MB	(1) 4M x 32	(1) 4M x 32	(1) 4M x 32
48MB	(1) 8M x 32	None	(1) 4M x 32
64MB	(1) 16M x 32	None	None
64MB	(1) 8M x 32	None	(1) 8M x 32

CACHE CONFIGURATION

Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 32K x 8
256KB	(4) 64K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION

Size	JP6	JP7	JP8
128KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
256KB	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

CPU SPEED SELECTION

Speed	JP3	JP4	JP5
25MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
33MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
40MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU TYPE SELECTION

Type	JRN1	JRN2
CX486DX2	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10

AM486DX2 NV8T	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
AM486DX2 SV8B	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
SGS486DX2	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10
80486DX2	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
CX486DX4 (Cyrix pin out)	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10
CX486DX4 (Intel pin out)	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
AM486DX4 SV8B	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
AM486DX4 NV8T	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
SGS486DX4 (Cyrix pin out)	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10
SGS486DX4 (Intel pin out)	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
80486DX4	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
ODP80486DX4	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
P24T	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
AM5X86	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
CX5X86	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
SGS5X86	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP16	JP18	JP20	JP22	JP23
CX486DX2	Open	Open	1 & 2	1 & 2	1 & 2
AM486DX2 NV8T	Open	Closed	1 & 2	1 & 2	2 & 3
AM486DX2 SV8B	Closed	Open	1 & 2	1 & 2	2 & 3
SGS486DX2	Open	Open	1 & 2	1 & 2	1 & 2
80486DX2	Open	Open	1 & 2	1 & 2	Open
CX486DX4 (Cyrix pin out)	Open	Open	1 & 2	1 & 2	1 & 2
CX486DX4 (Intel pin out)	Open	Open	1 & 2	1 & 2	1 & 2
AM486DX4 SV8B	Open	Open	1 & 2	1 & 2	2 & 3

AM486DX4 NV8T	Open	Open	1 & 2	1 & 2	2 & 3
SGS486DX4 (Cyrix pin out)	Open	Open	1 & 2	1 & 2	1 & 2
SGS486DX4 (Intel pin out)	Open	Open	1 & 2	1 & 2	1 & 2
80486DX4	Open	Open	1 & 2	1 & 2	2 & 3
ODP80486DX4	Open	Open	1 & 2	2 & 3	2 & 3
P24T	Open	Open	1 & 2	2 & 3	2 & 3
AM5X86	Closed	Open	1 & 2	1 & 2	2 & 3
CX5X86	Open	Open	1 & 2	1 & 2	1 & 2
SGS5X86	Open	Open	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION			
Voltage	JP9	JP10	JP15
3.45v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
3.6v	Pins 2 & 3 closed	Pins 3 & 4 closed	Pins 2 & 3 closed
4v	Pins 2 & 3 closed	Pins 5 & 6 closed	Pins 2 & 3 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

PCI SPEED SELECTION		
Speed	JP13	JP21
» < = 33MHz	Pins 1 & 2 closed	Pins 1 & 2 closed
= 40MHz	Pins 2 & 3 closed	Pins 2 & 3 closed