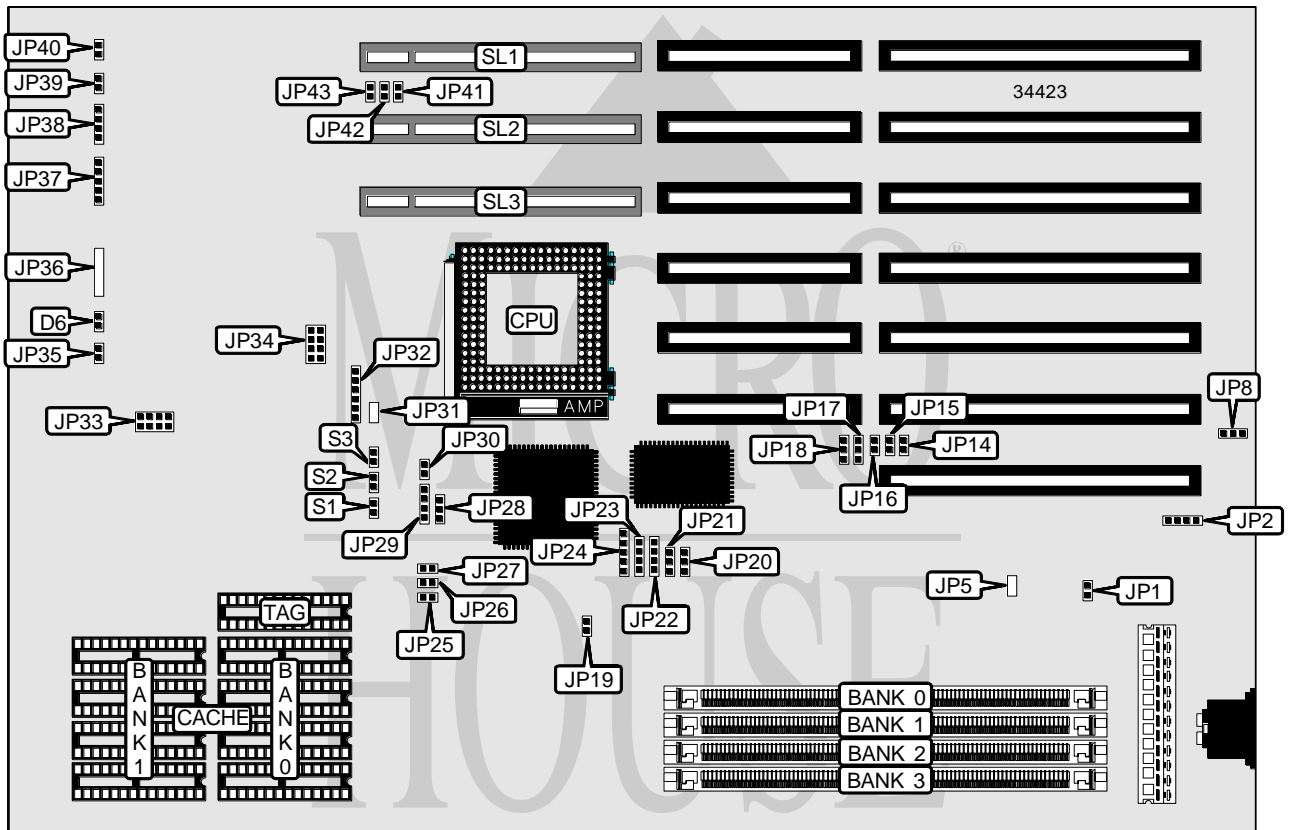


DIAMOND FLOWER, INC.
 G486-EVB (REV. B)

Processor	CX486SX/80486(WB)/80486SX/SL80486SX/CX486DX/80486DX/ AM486DX/AM486DXL/SL80486DX/CX486DX2V/CX486DX2/ AM486DX2/AM486DXL2/80486DX2/SL80486DX2/AM486DX4/ 80486DX4/P24T
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	128/256/512KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Green PC LED	D6	Green PC connector	JP44
External battery	JP2	Reset switch	JP45
Power LED & keylock	JP40	32-bit VESA local bus slots	SL1 – SL3
Speaker	JP41		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
BIOS type select 28F010	JP1	Closed
BIOS type select 27512	JP1	Open
í Factory configured - do not alter	JP5	Unidentified
Battery type select internal	JP8	Pins 2 & 3 closed
Battery type select external	JP8	Pins 1 & 2 closed
í Factory configured - do not alter	JP14	Closed
í Factory configured - do not alter	JP31	Unidentified
í Factory configured - do not alter	JP43	Unidentified

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 512K x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	None	(1) 512K x 36	None
4MB	(1) 1M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 2M x 36	None	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	None	(1) 2M x 36	None
16MB	(1) 4M x 36	None	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB	(4) 128K x 8	None	(1) 32K x 8

CACHE JUMPER CONFIGURATION						
Size	JP19	JP20	JP21	JP25	JP26	JP27
128KB	Open	2 & 3	2 & 3	Closed	Closed	Open
256KB	Open	1 & 2	1 & 2	Closed	Closed	Closed
512KB	Closed	2 & 3	1 & 2	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION					
Type	JP15	JP16	JP17	JP18	JP22
CX486SX(WB)	Closed	Closed	2 & 3	2 & 3	2 & 3
CX486SX(WT)	Closed	Closed	1 & 2	1 & 2	2 & 3
80486 (WB 3.3v)	Open	Closed	2 & 3	2 & 3	1 & 2, 3 & 4
80486 (WB 5v)	Open	Closed	2 & 3	2 & 3	1 & 2, 3 & 4
80486SX	Open	Open	1 & 2	1 & 2	Open
SL80486SX	Open	Open	1 & 2	1 & 2	1 & 2
CX486DX(WB)	Closed	Closed	2 & 3	2 & 3	2 & 3
CX486DX(WT)	Closed	Closed	1 & 2	1 & 2	2 & 3
80486DX	Open	Open	1 & 2	1 & 2	Open
AM486DX	Open	Open	1 & 2	1 & 2	Open
AM486DXL	Open	Open	1 & 2	1 & 2	Open
SL80486DX	Open	Open	1 & 2	1 & 2	1 & 2
CX486DX2V-50(WB)	Closed	Closed	2 & 3	2 & 3	2 & 3
CX486DX2V-50(WT)	Closed	Closed	1 & 2	1 & 2	2 & 3
CX486DX2(WB)	Closed	Closed	2 & 3	2 & 3	2 & 3
CX486DX2(WT)	Closed	Closed	1 & 2	1 & 2	2 & 3
AM486DX2	Open	Open	1 & 2	1 & 2	Open
AM486DX2 (NV8T)	Open	Open	1 & 2	1 & 2	Open
AM486DXL2	Open	Open	1 & 2	1 & 2	Open
80486DX2	Open	Open	1 & 2	1 & 2	Open
SL80486DX2	Open	Open	1 & 2	1 & 2	1 & 2
AM486DX4 (NV8T)	Open	Open	1 & 2	1 & 2	Open
80486DX4	Open	Open	1 & 2	1 & 2	1 & 2
P24T(WB)	Open	Closed	2 & 3	2 & 3	1 & 2
P24T(WT)	Open	Closed	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)					
Type	JP23	JP24	JP28	JP29	JP30
CX486SX(WB)	2 & 3	2 & 3, 4 & 5	2 & 3	Open	Open
CX486SX(WT)	2 & 3	2 & 3	2 & 3	Open	Open
80486 (WB 3.3v)	1 & 2, 3 & 4	1 & 2, 3 & 4	1 & 2	2 & 3	Closed
80486 (WB 5v)	1 & 2, 3 & 4	1 & 2, 3 & 4	1 & 2	2 & 3	Closed
80486SX	Open	Open	2 & 3	Open	Open
SL80486SX	1 & 2	1 & 2	2 & 3	Open	Open
CX486DX(WB)	2 & 3	2 & 3, 4 & 5	1 & 2	2 & 3	Closed
CX486DX(WT)	2 & 3	2 & 3	1 & 2	2 & 3	Closed
80486DX	Open	Open	1 & 2	2 & 3	Closed
AM486DX	Open	Open	1 & 2	2 & 3	Closed
AM486DXL	Open	Open	1 & 2	2 & 3	Closed
SL80486DX	1 & 2	1 & 2	1 & 2	2 & 3	Closed
CX486DX2V(WB)	2 & 3	2 & 3, 4 & 5	1 & 2	2 & 3	Closed
CX486DX2V(WT)	2 & 3	2 & 3	1 & 2	2 & 3	Closed
CX486DX2(WB)	2 & 3	2 & 3, 4 & 5	1 & 2	2 & 3	Closed
CX486DX2(WT)	2 & 3	2 & 3	1 & 2	2 & 3	Closed
AM486DX2	Open	Open	1 & 2	2 & 3	Closed
AM486DX2 (NV8T)	Open	Open	1 & 2	2 & 3	Closed
AM486DXL2	Open	Open	1 & 2	2 & 3	Closed
80486DX2	Open	Open	1 & 2	2 & 3	Closed
SL80486DX2	1 & 2	1 & 2	1 & 2	2 & 3	Closed
AM486DX4 (NV8T)	Open	Open	1 & 2	2 & 3	Closed
80486DX4	1 & 2	1 & 2	1 & 2	2 & 3	Closed
P24T(WB)	1 & 2, 3 & 4	1 & 2	1 & 2	1 & 2	Closed
P24T(WT)	1 & 2, 3 & 4	1 & 2	1 & 2	1 & 2	Closed

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)				
Type	JP32	JP33	JP34	JP36
CX486SX(WB)	2 & 3, 4 & 5	1 & 2, 3 & 4	Open	Open
CX486SX(WT)	Open	1 & 2, 3 & 4	Open	Open
80486 (WB 3.3v)	1 & 2	5 & 6, 7 & 8	Open	Open
80486 (WB 5v)	1 & 2	1 & 2, 3 & 4	Open	Open
80486SX	Open	1 & 2, 3 & 4	Open	Open
SL80486SX	Open	1 & 2, 3 & 4	Open	Open
CX486DX(WB)	2 & 3, 4 & 5	1 & 2, 3 & 4	Open	Open
CX486DX(WT)	Open	1 & 2, 3 & 4	Open	Open
80486DX	Open	1 & 2, 3 & 4	Open	Open
AM486DX	Open	1 & 2, 3 & 4	Open	Open
AM486DXL	Open	1 & 2, 3 & 4	Open	1 & 2, 3 & 4
SL80486DX	Open	1 & 2, 3 & 4	Open	Open
CX486DX2V(WB)	2 & 3, 4 & 5	5 & 6, 7 & 8	Open	Open
CX486DX2V(WT)	Open	5 & 6, 7 & 8	Open	Open
CX486DX2(WB)	2 & 3, 4 & 5	1 & 2, 3 & 4	Open	Open
CX486DX2(WT)	Open	1 & 2, 3 & 4	Open	Open
AM486DX2	Open	1 & 2, 3 & 4	Open	Open
AM486DX2 (NV8T)	Open	5 & 6, 7 & 8	7 & 8	Open
AM486DXL2	Open	1 & 2, 3 & 4	Open	1 & 2, 3 & 4
80486DX2	Open	1 & 2, 3 & 4	Open	Open
SL80486DX2	Open	1 & 2, 3 & 4	Open	Open
AM486DX4 (NV8T)	Open	5 & 6, 7 & 8	5 & 6	Open
80486DX4	Open	5 & 6, 7 & 8	Open	Open
P24T(WB)	1 & 2	1 & 2, 3 & 4	Open	Open
P24T(WT)	Open	1 & 2, 3 & 4	Open	Open

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION			
Speed	S1	S2	S3
25MHz	Closed	Open	Open
33MHz	Closed	Closed	Closed
40MHz	Closed	Closed	Open
50iMHz	Closed	Open	Open
66iMHz	Closed	Closed	Closed
75iMHz	Closed	Open	Open
80iMHz	Closed	Closed	Open
100iMHz	Closed	Closed	Closed

CPU TYPE SELECTION	
Type	JP35
Non SL-enhanced	Closed
SL-enhanced	Open

VL BUS WAIT STATE SELECTION	
Setting	JP41
0	Open
1	Closed

VL BUS SPEED SELECTION	
Speed	JP42
<= 33MHz	Open
>33 MHz	Closed