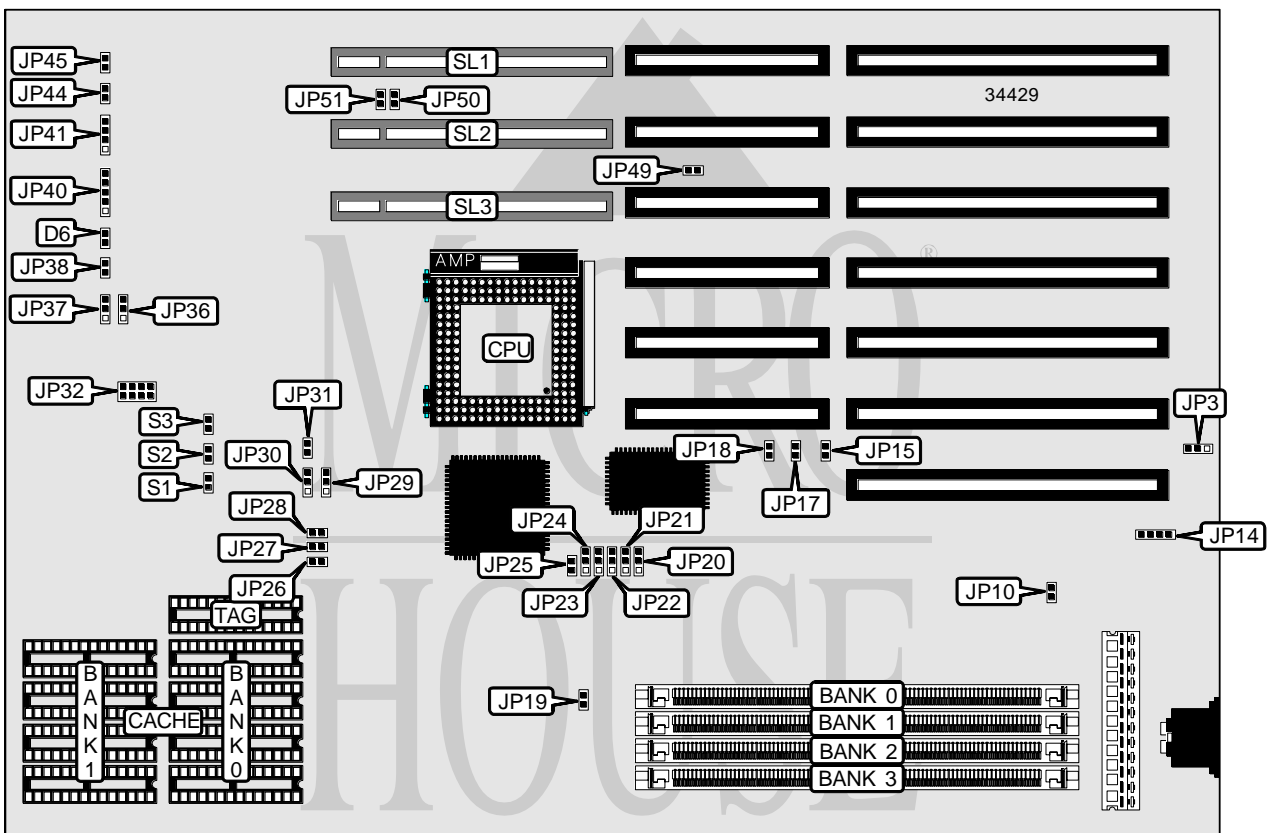


DIAMOND FLOWER, INC.  
G486-EVB (REV. A)

<b>Processor</b>	CX486S/80486SX/SL80486SX/CX486S2/CX486DX/AM486DXL/80486DX/SL80486DX/CX486DX2/AM486DXT(NV8T)/80486DX2/SL80486DX2/SL80486DX4
<b>Processor Speed</b>	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	64MB
<b>Maximum Video Memory</b>	None
<b>Cache</b>	128/256/512KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slots (3), green PC connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Green PC LED	D6	Green PC connector	JP44
External battery	JP14	Reset switch	JP45
Power LED & keylock	JP40	32-bit VESA local bus slots	SL1 – SL3
Speaker	JP41		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Battery type select external	JP3	Pins 1 & 2 closed
Battery type select internal	JP3	Pins 2 & 3 closed
í BIOS type select 27512	JP10	Open
BIOS type select 28F010	JP10	Closed
í Factory configured - do not alter	JP15	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
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	JP26	JP27	JP28
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 SPEED SELECTION					
Speed	JP36	JP37	S1	S2	S3
25MHz	1 & 2	1 & 2	Closed	Open	Open
33MHz	1 & 2	1 & 2	Closed	Closed	Closed
40MHz	1 & 2	1 & 2	Closed	Closed	Open
50iMHz	1 & 2	1 & 2	Closed	Open	Open
66iMHz	1 & 2	1 & 2	Closed	Closed	Closed
75iMHz	1 & 2	1 & 2	Closed	Open	Open
80iMHz	1 & 2	1 & 2	Closed	Closed	Open
100iMHz	1 & 2	1 & 2	Closed	Closed	Closed
120iMHz	1 & 2	1 & 2	Closed	Closed	Open

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION					
Type	JP17	JP18	JP22	JP23	JP24
CX486S	Closed	Open	2 & 3	2 & 3	2 & 3
80486SX	Open	Open	N/A	N/A	N/A
SL80486SX	Open	Open	1 & 2	1 & 2	1 & 2
CX486S2	Closed	Open	2 & 3	2 & 3	2 & 3
CX486DX	Closed	Closed	2 & 3	2 & 3	2 & 3
AM486DXL	Open	Open	Open	Open	Open
80486DX	Open	Open	N/A	N/A	N/A
SL80486DX	Open	Open	1 & 2	1 & 2	1 & 2
CX486DX2	Closed	Closed	2 & 3	2 & 3	2 & 3
AM486DX2 (NV8T)	Open	Open	Open	Open	Open
80486DX2	Open	Open	N/A	N/A	N/A
SL80486DX2	Open	Open	1 & 2	1 & 2	1 & 2
SL80486DX4	Open	Open	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	JP25	JP29	JP30	JP31	JP49
CX486S	Open	2 & 3	Open	Open	Open
80486SX	N/A	2 & 3	Open	Open	N/A
SL80486SX	Open	2 & 3	Open	Open	Open
CX486S2	Open	2 & 3	Open	Open	Open
CX486DX	Open	1 & 2	2 & 3	Closed	Open
AM486DXL	Closed	1 & 2	2 & 3	Closed	Closed
80486DX	N/A	1 & 2	2 & 3	Closed	N/A
SL80486DX	Open	1 & 2	2 & 3	Closed	Open
CX486DX2	Open	1 & 2	2 & 3	Closed	Open
AM486DX2 (NV8T)	Open	1 & 2	2 & 3	Closed	Open
80486DX2	N/A	1 & 2	2 & 3	Closed	N/A
SL80486DX2	Open	1 & 2	2 & 3	Closed	Open
SL80486DX4	Open	1 & 2	2 & 3	Closed	Open

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	JP38
SL-enhanced	Open
Non SL-enhanced	Closed

CPU VOLTAGE SELECTION	
Voltage	JP32
3.3v	Pins 5 & 6, 7 & 8 closed
í 5v	Pins 1 & 2, 3 & 4 closed

VL BUS WAIT STATE SELECTION	
Setting	JP50
0	Open
í 1	Closed

VL BUS SPEED SELECTION	
Speed	JP51
<= 33MHz	Open
í >33 MHz	Closed