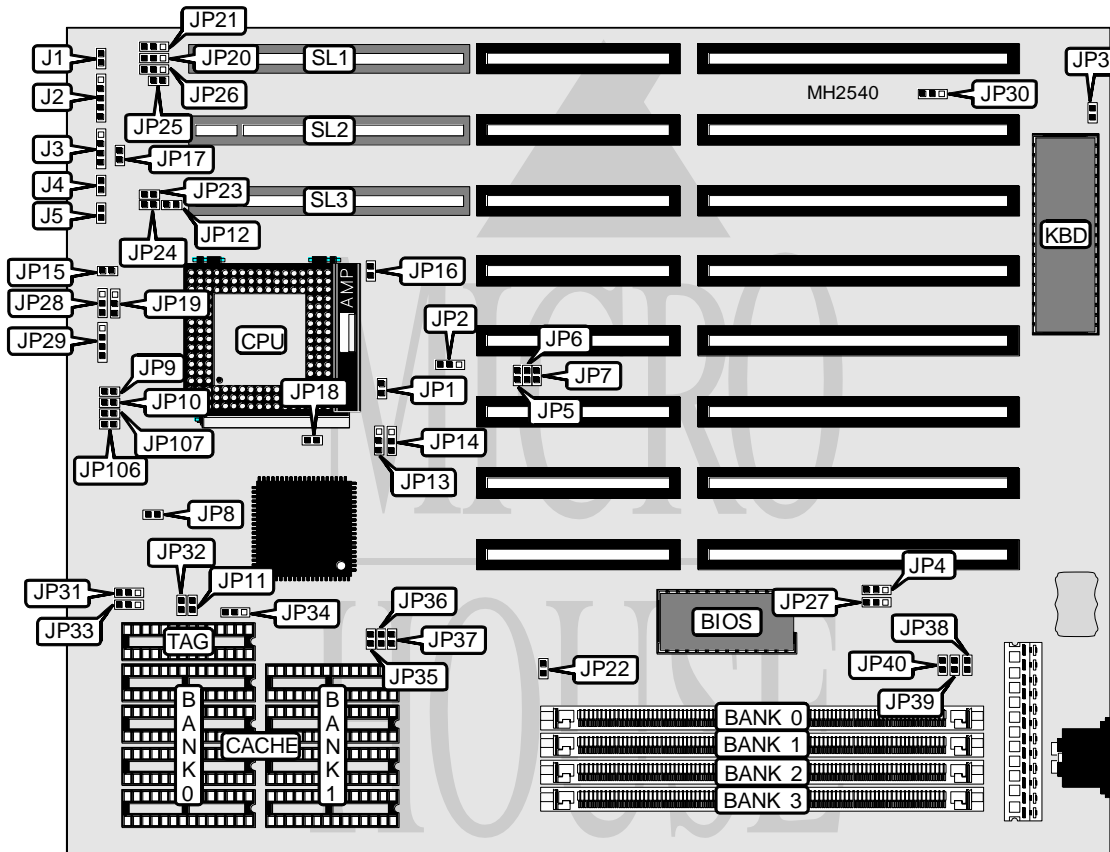


YOUNG MICRO SYSTEMS, INC. CROSS 486G-VLB

Processor	SL80486SX/80486SX/SL80486DX/80486DX/80486DX2/80486DX4/P24D/ Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	64/128/256/512KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Reset switch	J4
Power LED & keylock	J2	Turbo LED	J5
Speaker	J3	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	Open
Factory configured - do not alter	JP2	pins 1 & 2 closed
í Monitor type select color	JP3	Closed
Monitor type select monochrome	JP3	Open
í Factory configured - do not alter	JP8	Open
í Factory configured - do not alter	JP11	Closed
í Factory configured - do not alter	JP12	Open
í Factory configured - do not alter	JP13	Open
í Factory configured - do not alter	JP14	Open
í Factory configured - do not alter	JP15	Open
í Factory configured - do not alter	JP16	Open
í Factory configured - do not alter	JP17	Open
í Factory configured - do not alter	JP18	Open
í Factory configured - do not alter	JP20	pins 2 & 3 closed
í Factory configured - do not alter	JP21	pins 1 & 2 closed
í Factory configured - do not alter	JP22	Open
í Factory configured - do not alter	JP25	Open
í Factory configured - do not alter	JP28	pins 1 & 2 closed
í Factory configured - do not alter	JP30	Open
í Factory configured - do not alter	JP31	pins 2 & 3 closed
í Factory configured - do not alter	JP38	Open
í Factory configured - do not alter	JP39	Open
í Factory configured - do not alter	JP40	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	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) 4M x 36	NONE	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
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

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CACHE JUMPER CONFIGURATION						
Size	JP32	JP33	JP34	JP35	JP36	JP37
64KB	Open	2 & 3	2 & 3	Open	Open	Open
128KB	Open	2 & 3	1 & 2	Open	Closed	Open
256KB	Open	2 & 3	2 & 3	Closed	Closed	Open
512KB	Closed	Open	1 & 2	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION						
Type	JP9	JP10	JP19	JP29	JP106	JP107
SL80486SX	Closed	Closed	Open	2 & 3	Open	Open
80486SX	Closed	Closed	Open	2 & 3	Open	Open
SL80486DX	Closed	Closed	1 & 2	1 & 2, 3 & 4	Open	Open
80486DX	Closed	Closed	1 & 2	1 & 2, 3 & 4	Open	Open
80486DX2	Closed	Closed	1 & 2	1 & 2, 3 & 4	Open	Open
80486DX4	Open	Open	1 & 2	1 & 2, 3 & 4	Closed	Closed
P24D	Closed	Closed	1 & 2	1 & 2, 3 & 4	Open	Open
P24T	Open	Open	1 & 2	1 & 2, 3 & 4	Closed	Closed

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION			
Speed	JP5	JP6	JP7
25MHz	Open	Open	Closed
33MHz	Closed	Open	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
50MHz	Closed	Closed	Closed
66iMHz	Closed	Open	Closed
75iMHz	Open	Open	Closed
100iMHz	Closed	Open	Closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP26
2x	pins 1 & 2 closed
2.5x	pins 2 & 3 closed
3x	Open

VESA WAIT STATE CONFIGURATION	
Wait states	JP23
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP24
<= 33MHz	Open
> 33MHz	Closed

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BIOS CONFIGURATION		
Setting	JP4	JP27
CMOS memory normal operation	pins 2 & 3 closed	pins 1 & 2 closed
CMOS memory clear	pins 1 & 2 closed	pins 2 & 3 closed