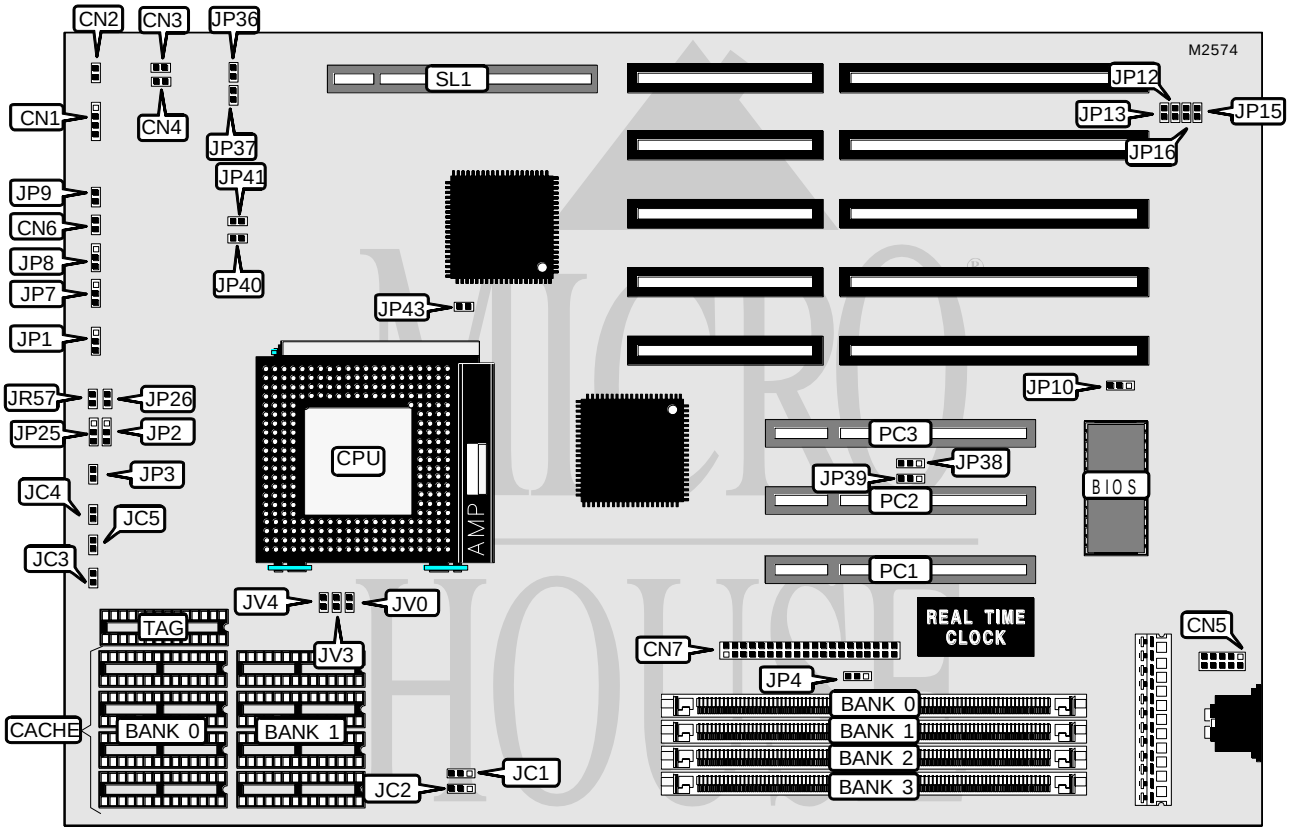
YOUNG MICRO SYSTEMS, INC.
VEGA 486G-VIP (REV. 1.0)

Processor	80486SX/80486DX/80486DX2/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slot, 32-bit PCI slots (3), IDE interface, PS/2 mouse connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	CN1	IDE interface LED	CN6
Reset switch	CN2	IDE interface	CN7
Turbo LED	CN3	32-bit PCI slots	PC1 - PC3
Turbo switch	CN4	32-bit VESA local bus slots	SL1
PS/2 mouse connector	CN5		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í IDE interface enabled	JP4	pins 1 & 2 closed
IDE interface disabled	JP4	pins 2 & 3 closed
í Factory configured - do not alter	JP9	N/A
í Flash BIOS write protect disabled	JP10	pins 2 & 3 closed
Flash BIOS write protect enabled	JP10	pins 1 & 2 closed
í Mouse IRQ12 enabled	JP15	Closed
Mouse IRQ12 disabled	JP15	Open
í Monitor type select color	JP16	Closed
Monitor type select monochrome	JP16	Open
í SMI disabled	JP25	pins 2 & 3 closed
SMI enabled	JP25	pins 1 & 2 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
128KB	(4) 32K x 8	NONE	(1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 32K 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
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION					
Size	JC1	JC2	JC3	JC4	JC5
128KB	2 & 3	1 & 2	Open	Open	Open
256KB	1 & 2	2 & 3	Open	Closed	Open
256KB	1 & 2	1 & 2	Closed	Closed	Open
512KB	1 & 2	1 & 2	Open	Closed	Closed
512KB	1 & 2	1 & 2	Closed	Closed	Closed
Note: Pins designated should be in the closed position.					

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CPU TYPE CONFIGURATION					
Type	JP2	JP3	JP26	JP43	JR57
80486SX	pins 2 & 3 closed	Open	Open	Open	Closed
80486DX	pins 1 & 2 closed	Open	Open	Open	Closed
80486DX2	pins 1 & 2 closed	Closed	Closed	Open	Closed
80486DX4	pins 1 & 2 closed	Closed	Closed	Open	Closed
P24D	pins 1 & 2 closed	Closed	Closed	Open	Open
Pentium Overdrive	pins 1 & 2 closed	Closed	Closed	Open	Closed

CPU SPEED CONFIGURATION				
Speed	JP7	JP8	JP40	JP41
25MHz	pins 2 & 3 closed	pins 2 & 3 closed	Open	Closed
33MHz	pins 1 & 2 closed	pins 2 & 3 closed	Closed	Open
40MHz	pins 2 & 3 closed	pins 1 & 2 closed	Open	Open
50iMHz	pins 2 & 3 closed	pins 2 & 3 closed	Open	Closed
66iMHz	pins 1 & 2 closed	pins 2 & 3 closed	Closed	Open
75iMHz	pins 2 & 3 closed	pins 2 & 3 closed	Open	Closed
100iMHz	pins 1 & 2 closed	pins 2 & 3 closed	Closed	Open

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP1
2x	pins 1 & 2 closed
2.5x	pins 2 & 3 closed
3x	Open

CPU VOLTAGE CONFIGURATION			
Voltage	JV0	JV3	JV4
3.3V	Open	Open	Open
5.0V	Closed	Closed	Closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP36
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP37
<= 33MHz	Open
> 33MHz	Closed

CMOS CONFIGURATION		
CPU Type	JP12	JP13
CMOS memory normal operation	Closed	Closed
CMOS memory clear	Open	Open