TRIGEM MICROSYSTEM, INC.
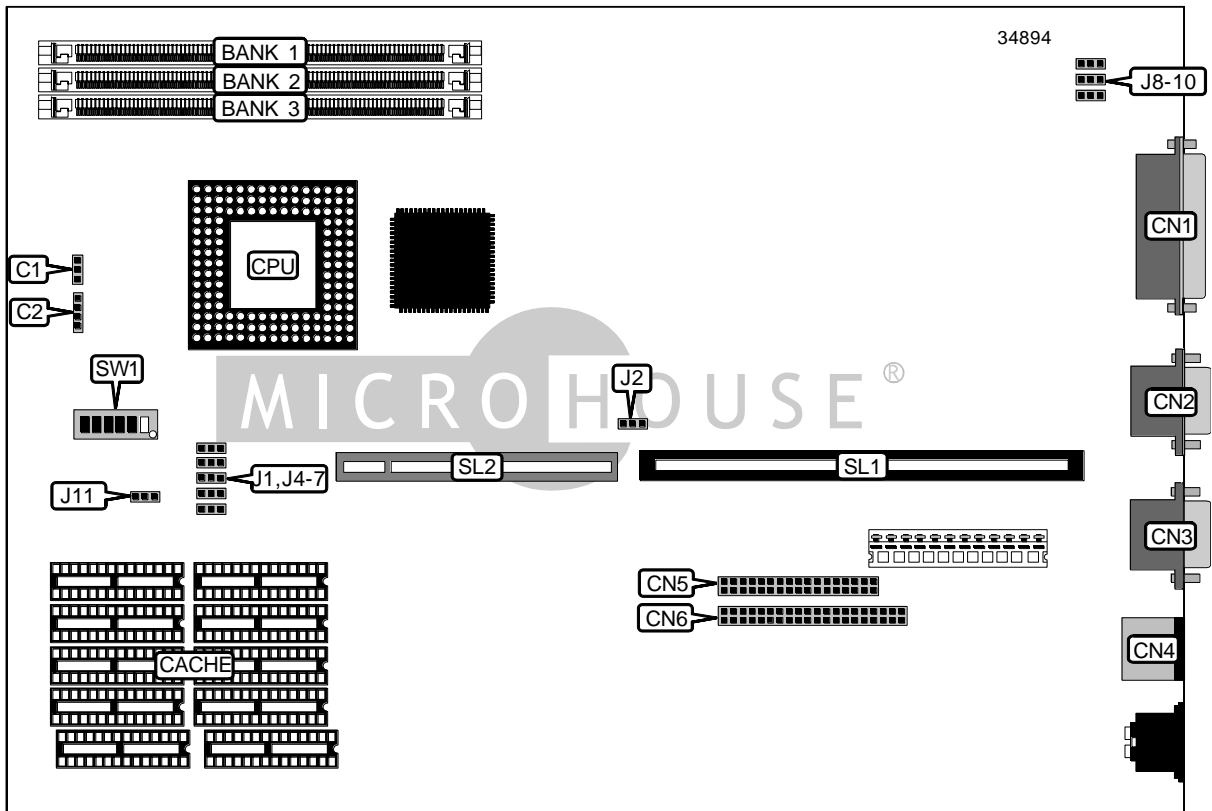# 4 8 6 / M V

Device Type	Mainboard
Processor	80486SX/80486DX/80486DX2
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	40MB
Maximum Video Memory	1MB
Cache	64/128/256KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slot, floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), riser slot
NPU Options	None

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486/MV

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Parallel port	CN1	Floppy drive interface	CN5
Serial port	CN2	IDE interface	CN6
Serial port	CN3	Riser slot	SL1
PS/2 mouse port	CN4	32-bit VESA local bus slot	SL2
Note: CN1 – CN6 are for general location purposes. The location may not be exact.			

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	C1	Unidentified
í Factory configured - do not alter	C2	Unidentified
í Factory configured - do not alter	J2	Unidentified
í Factory configured - do not alter	J8	Unidentified
í Factory configured - do not alter	J9	Unidentified
í CMOS memory normal operation	J10	Pins 2 & 3 closed
CMOS memory clear	J10	Pins 1 & 2 closed
í Factory configured - do not alter	J11	Unidentified
í Password enabled	SW1/4	Off
Password disabled	SW1/4	On
í Monitor type select color	SW1/5	On
Monitor type select monochrome	SW1/5	Off
í Cache disabled	SW1/6	Off
Cache enabled	SW1/6	On

SIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
4MB	4MB	None	None	None
8MB	4MB	(1) 1M x 36	None	None
12MB	4MB	(1) 1M x 36	(1) 1M x 36	None
16MB	4MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
20MB	4MB	(1) 4M x 36	None	None
24MB	4MB	(1) 1M x 36	(1) 4M x 36	None
36MB	4MB	(1) 4M x 36	(1) 4M x 36	None
40MB	4MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
Note: Bank 0 is factory installed and is not configurable.				

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CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**TAG**
64KB	(4) 8K x 8	(4) 8K x 8	Unidentified
128KB	(4) 32K x 8	None	Unidentified
256KB	(4) 32K x 8	(4) 32K x 8	Unidentified

CACHE JUMPER CONFIGURATION				
Size	**J4**	**J5**	**J6**	**J7**
None	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
64KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
128KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION
Note: Board accepts 512KB/1MB of video memory. The location and chip sizes are unidentified.

CPU SPEED SELECTION			
Speed	**SW1/1**	**SW1/2**	**SW1/3**
25MHz	Off	Off	On
33MHz	On	On	Off
50iMHz	Off	Off	On
66iMHz	On	On	Off

CPU TYPE SELECTION	
Type	**J1**
80486SX	Pins 2 & 3 closed
80486DX	Pins 1 & 2 closed
80486DX2	Pins 1 & 2 closed