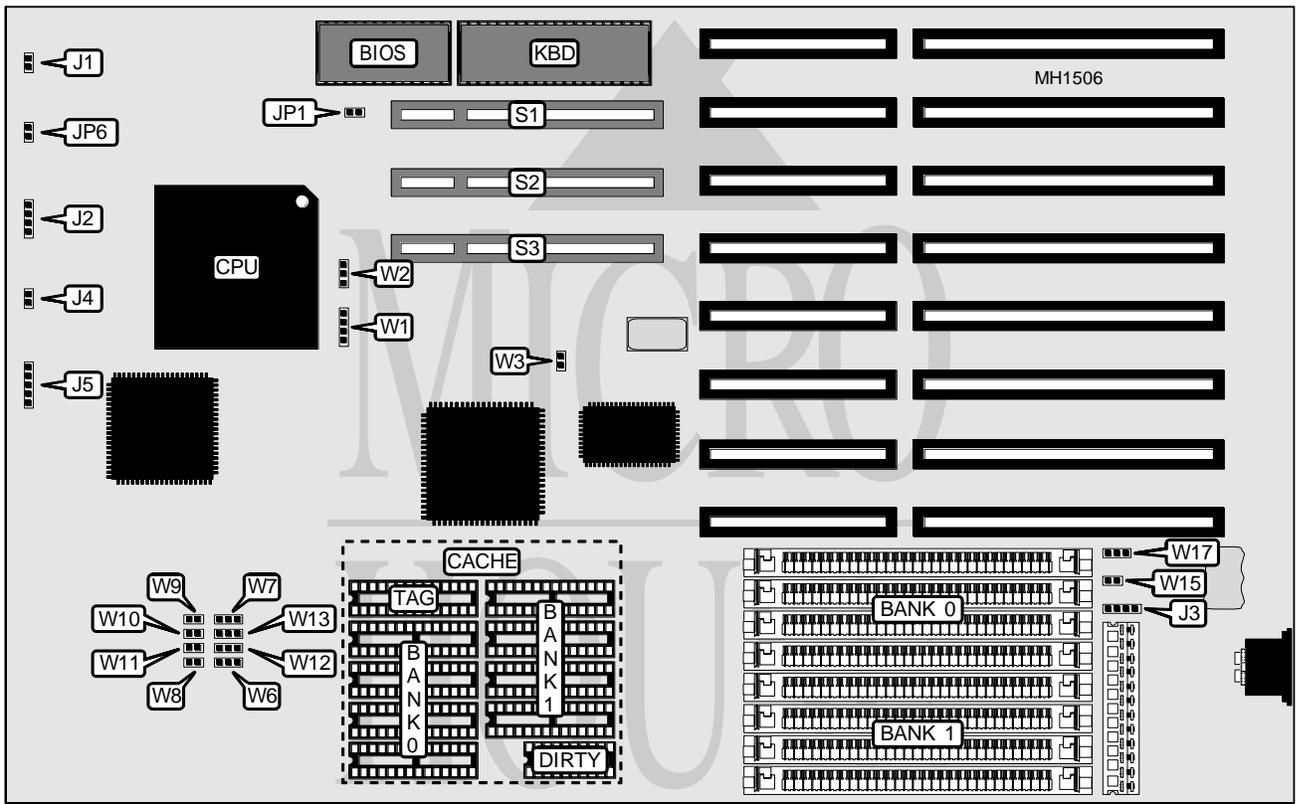


SPRITE, INC.

SM 486-50UVL

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2
Processor Speed	25/33/40/50(internal)/50/66(internal) MHz
Chip Set	OPTI
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	MR
Dimensions	330mm x 220mm
I/O Options	32-bit VESA local bus slots (3)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J1	Power LED & keylock	J5
Speaker	J2	Turbo switch	JP6
External battery	J3	32-bit VESA local bus slots	S1, S2, & S3
Reset switch	J4		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CPU speed select iOSC/2	W3	Closed
CPU speed select iOSC/1	W3	Open
í System password enabled/Monitor type select monochrome	W14	Closed
System password disabled/Monitor type select color	W14	Open
í Battery select internal	W15	Closed
Battery select external	W15	Open
í Factory configured - do not alter	W16	Unknown
í Factory configured - do not alter	W17	Unknown

VESA BUS SPEED (ID3) CONFIGURATION	
CPU speed	JP1 (ID3)
≤ 33MHz	Open
> 33MHz	Closed

32-BIT VESA LOCAL BUS AVAILABILITY CONFIGURATION		
CPU Speed	Slots Available	JP2
≤ 50MHz	S1, S2, & S3	pins 2 & 3 closed
66MHz	S3	pins 1 & 2 closed

Note: Board speed of 66MHz is an optional upgrade available through the manufacturer.

CACHE CONFIGURATION				
Size	Cache	Location	TAG	Dirty Bit
64KB	(8) 8K x 8	Banks 0 & 1	(1) 8K x 8	(1) 16K x 4
128KB	(4) 32K x 8	Bank 0	(1) 8K x 8	(1) 16K x 4
256KB	(8) 32K x 8	Banks 0 & 1	(1) 32K x 8	(1) 16K x 4

CACHE JUMPER CONFIGURATION								
Size	W6	W7	W8	W9	W10	W11	W12	W13
64KB	1 & 2	1 & 2	Open	Open	Open	Open	Open	1 & 2
128KB	1 & 2	2 & 3	Open	Closed	Open	Closed	1 & 2	2 & 3
256KB	2 & 3	2 & 3	Closed	Closed	Closed	Closed	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION		
CPU type	W1	W2
80486SX	pins 2 & 3 closed	Open
80487SX/ODP486SX	pins 1 & 2, 3 & 4 closed	pins 2 & 3 closed
80486DX/80486DX2	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9