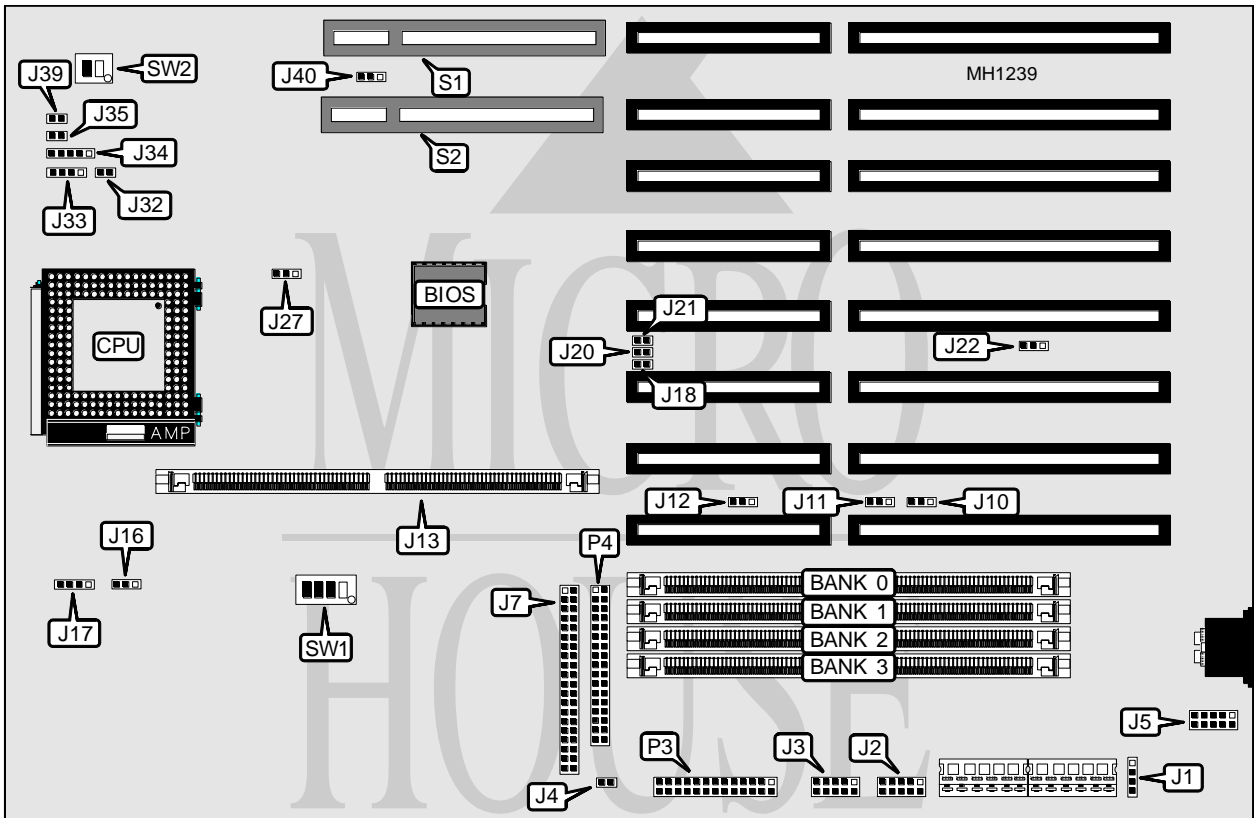


# AMERICAN MEGATRENDS, INC. SUPER VOYAGER VLB

<b>Processor</b>	80486SX/80487SX/80486DX/ODP486SX/80486DX2
<b>Processor Speed</b>	20/25/33/50(internal)/50/66(internal)
<b>Chip Set</b>	AMI
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	64/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Bus mouse port, floppy drive interface, IDE interface parallel port, serial port (2), 32-bit VESA card slot (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Speaker	J33
Serial port 2	J2	Power LED & keylock	J34
Serial port 1	J3	Turbo switch	J35
IDE interface LED	J4	Reset switch	J39
Mouse port	J5	Parallel port	P3
IDE interface	J7	Floppy drive interface	P4
Cache module	J13	32-bit VESA card	S1
Turbo LED	J32	32-bit VESA card	S2

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Serial port 2 (J2) select IRQ3	J10	pins 1 & 2 closed
Serial port 2 (J2) select IRQ4	J10	pins 2 & 3 closed
í Serial port 1 (J3) select IRQ4	J11	pins 1 & 2 closed
Serial port 1 (J3) select IRQ3	J11	pins 2 & 3 closed
í Mouse port (J5) enabled	J12	pins 2 & 3 closed
Mouse port (J5) disabled	J12	pins 1 & 2 closed
í Factory configured - do not alter	J18	open
í Factory configured - do not alter	J20	open
í Factory configured - do not alter	J21	open
í CMOS memory normal operation	J22	pins 2 & 3 closed
CMOS memory clear	J22	pins 1 & 2 closed
í Local bus speed select $\leq$ 33MHz	J40	pins 1 & 2 closed
Local bus speed select $>$ 33MH	J40	pins 2 & 3 closed
í Factory configured - do not alter	SW2/Switch 1	open
í Monitor type select monochrome	SW2/Switch 2	open
Monitor type select color	SW2/Switch 2	closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	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
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	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
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

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CPU CONFIGURATION				
CPU	Speed	J16	J17	J27
80486DX2	25/33MHz	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
ODP486SX	25/33MHz	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
80486DX	25/33/50MHz	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
80487SX	25/33MHz	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
80486SX	20/25MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed

CACHE CONFIGURATION				
Size	Cache Module	Cacheable Memory	Location	SW1/Switch 1-4
64KB	Series 691	16MB maximum	J13	all switches open
256KB	Series 691	64MB maximum	J13	all switches closed