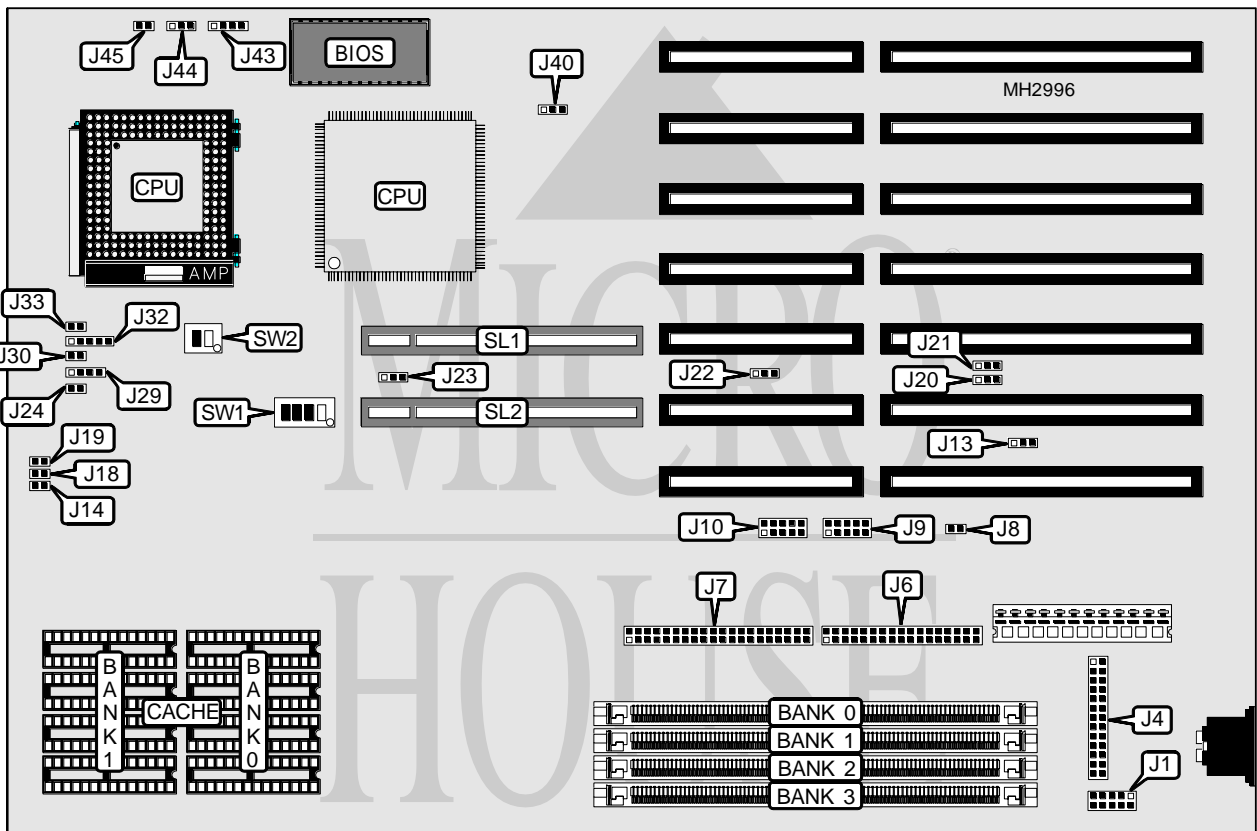


AMERICAN MEGATRENDS, INC. SUPER VOYAGER VLB-II (VER. 2)

| | |
|--------------------------|---|
| Processor | 80486SX/80487SX/80486DX/P23T/Pentium Overdrive |
| Processor Speed | 20/25/33/50(internal)/50/66(internal)MHz |
| Chip Set | AMI |
| Max. Onboard DRAM | 64MB |
| Cache | 64/256KB |
| BIOS | AMI |
| Dimensions | 330mm x 218mm |
| I/O Options | PS/2 mouse interface, parallel port, serial ports (2), 32-bit VESA local bus slots (2), floppy drive interface, IDE interface |
| NPU Options | None |



| CONNECTIONS | | | |
|------------------------|----------|-----------------------------|-----------|
| Purpose | Location | Purpose | Location |
| PS/2 mouse interface | J1 | Reset switch | J24 |
| Parallel port | J4 | Speaker | J29 |
| Floppy drive interface | J6 | Turbo LED | J30 |
| IDE interface | J7 | Power LED & keylock | J32 |
| IDE interface LED | J8 | Turbo switch | J33 |
| Serial port 2 | J9 | 32-bit VESA local bus slots | SL1 & SL2 |
| Serial port 1 | J10 | | |

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| USER CONFIGURABLE SETTINGS | | |
|-------------------------------------|---------------|-------------------|
| Function | Jumper/Switch | Position |
| í Parallel port IRQ select IRQ5 | J13 | pins 1 & 2 closed |
| Parallel port IRQ select IRQ7 | J13 | pins 2 & 3 closed |
| í Factory configured - do not alter | J14 | N/A |
| í Factory configured - do not alter | J18 | N/A |
| í Factory configured - do not alter | J19 | N/A |
| í Serial port 2 IRQ select IRQ3 | J20 | pins 1 & 2 closed |
| Serial port 2 IRQ select IRQ4 | J20 | pins 2 & 3 closed |
| í Serial port 1 IRQ select IRQ4 | J21 | pins 2 & 3 closed |
| Serial port 1 IRQ select IRQ3 | J21 | pins 1 & 2 closed |
| í PS/2 mouse enabled | J22 | pins 1 & 2 closed |
| PS/2 mouse disabled | J22 | pins 2 & 3 closed |
| í Factory configured - do not alter | J40 | N/A |
| í Factory configured - do not alter | SW2/1 | Off |
| í Monitor type select monochrome | SW2/2 | Off |
| Monitor type select color | SW2/2 | On |

| 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) 1M x 36 | NONE | NONE | NONE |
| 8MB | (1) 1M x 36 | (1) 1M x 36 | NONE | NONE |
| 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 |
| 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 |

| CACHE CONFIGURATION | | |
|---------------------|-------------|-------------|
| Size | Bank 0 | Bank 1 |
| 64KB | (4) 8K x 8 | (4) 8K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 |

| CACHE SWITCH CONFIGURATION | | | | |
|----------------------------|-------|-------|-------|-------|
| Size | SW1/1 | SW1/2 | SW1/3 | SW1/4 |
| 64KB | Off | Off | Off | Off |
| 256KB | On | On | On | On |

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| CPU TYPE CONFIGURATION | | | | |
|------------------------|-------------------|--------------|-------|--------|
| PQFP type | PGA type | J43 | J44 | J45 |
| None | 80486SX | 2 & 3 | N/A | N/A |
| None | 80487SX | 1 & 2, 3 & 4 | 2 & 3 | N/A |
| None | 80486DX | 1 & 2, 3 & 4 | 1 & 2 | N/A |
| None | 80486DX2 | 1 & 2, 3 & 4 | 1 & 2 | N/A |
| None | P23T | 1 & 2, 3 & 4 | 2 & 3 | N/A |
| None | Pentium Overdrive | 1 & 2, 3 & 4 | 2 & 3 | N/A |
| 80486SX | None | N/A | N/A | Open |
| 80486SX | 80486SX | 2 & 3 | N/A | Closed |
| 80486SX | 80487SX | 1 & 2, 3 & 4 | 2 & 3 | Closed |
| 80486SX | 80486DX | 1 & 2, 3 & 4 | 1 & 2 | Closed |
| 80486SX | P23T | 1 & 2, 3 & 4 | 2 & 3 | Closed |
| 80486SX | Pentium Overdrive | 1 & 2, 3 & 4 | 2 & 3 | Closed |
| 80486DX | None | N/A | N/A | Open |
| 80486DX | 80487SX | 1 & 2, 3 & 4 | 2 & 3 | Closed |
| 80486DX | 80486DX2 | 1 & 2, 3 & 4 | 1 & 2 | Closed |
| 80486DX | P23T | 1 & 2, 3 & 4 | 2 & 3 | Closed |
| 80486DX | Pentium Overdrive | 1 & 2, 3 & 4 | 2 & 3 | Closed |

Note: Pins designated should be in the closed position.

| BUS SPEED CONFIGURATION | |
|-------------------------|-------------------|
| CPU speed | J23 |
| <= 33MHz | pins 1 & 2 closed |
| > 33MHz | pins 2 & 3 closed |