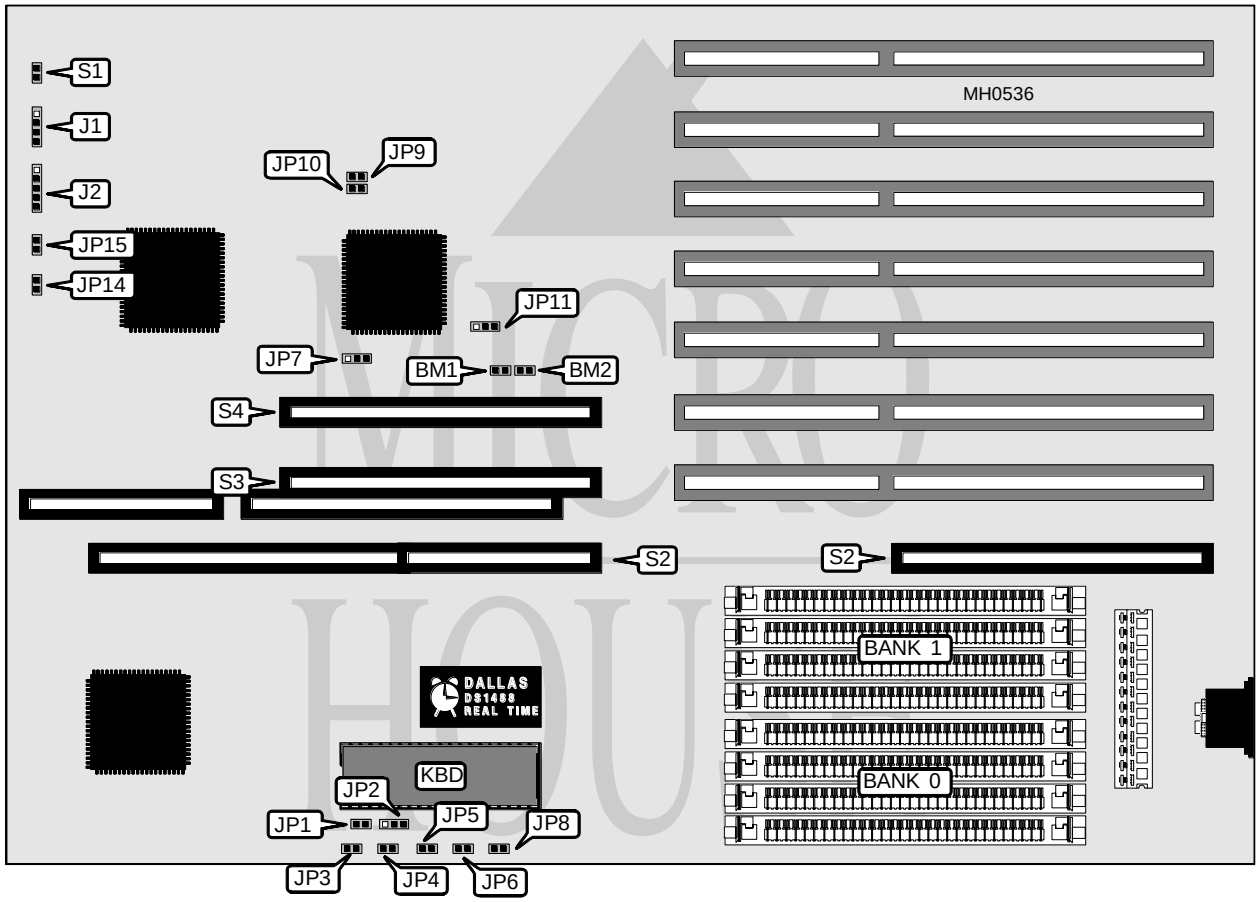
# ELISA TECHNOLOGY, INC.
# L M - 4 8 6 E I S A ( B A S E B O A R D )

| | |
|---|---|
| **Processor** | 80486SX/80487SX/80486DX/80486DX2 |
| **Processor Speed** | 16/20/25/33/50(internal)/66(internal)MHz |
| **Chip Set** | OPTI |
| **Max. Onboard DRAM** | 128MB |
| **Cache** | 256KB |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 225mm |
| **I/O Options** | CPU expansion card slot, 32-bit VESA local bus slots (2) |
| **NPU Options** | 4167 |




| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| Speaker | J1 | Reset switch | S1 |
| Power LED & keylock | J2 | CPU expansion card | S2 |
| Turbo switch | JP14 | 32-bit VESA local bus slots | S3 & S4 |
| Turbo LED | JP15 | | |

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# ELISA TECHNOLOGY, INC.
# LM-486EISA (BASEBOARD)

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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í Factory configured - do not alter | BM1 | N/A |
| í Factory configured - do not alter | BM2 | N/A |
| í Factory configured - do not alter | JP1 - JP6 | Open |
| í Factory configured - do not alter | JP2 | Open |
| í Factory configured - do not alter | JP3 | Open |
| í Factory configured - do not alter | JP4 | Open |
| í Factory configured - do not alter | JP5 | Open |
| í Factory configured - do not alter | JP6 | Open |
| í Bus master on baseboard (U26) enabled | JP7 | pins 1 & 2 closed |
| Bus master on baseboard (U26) disabled | JP7 | pins 2 & 3 closed |
| í Monitor type select monochrome | JP8 | Open |
| Monitor type select color | JP8 | Closed |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 4MB | (4) 1M x 9 | NONE |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 20MB | (4) 1M x 9 | (4) 4M x 9 |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |
| 68MB | (4) 1M x 9 | (4) 16M x 9 |
| 80MB | (4) 4M x 9 | (4) 16M x 9 |
| 128MB | (4) 16M x 9 | (4) 16M x 9 |

| CPU TYPE CONFIGURATION | | | |
|---|---|---|---|
| Type | JP9 | JP10 | JP11 |
| 80487SX-16 | Closed | Closed | pins 2 & 3 closed |
| 80487SX-20 | Closed | Closed | pins 2 & 3 closed |
| 80486SX-16 | Closed | Closed | pins 2 & 3 closed |
| 80486SX-20 | Closed | Closed | pins 2 & 3 closed |
| 80486SX-25 | Closed | Open | pins 1 & 2 closed |
| 80486DX-25 | Closed | Open | pins 1 & 2 closed |
| 80486DX-33 | Open | Open | pins 1 & 2 closed |
| 80486DX2-50 | Closed | Open | pins 1 & 2 closed |
| 80486DX2-66 | Open | Open | pins 1 & 2 closed |

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# ELISA TECHNOLOGY, INC.
# L M - 4 8 6 E I S A ( C P U C A R D )

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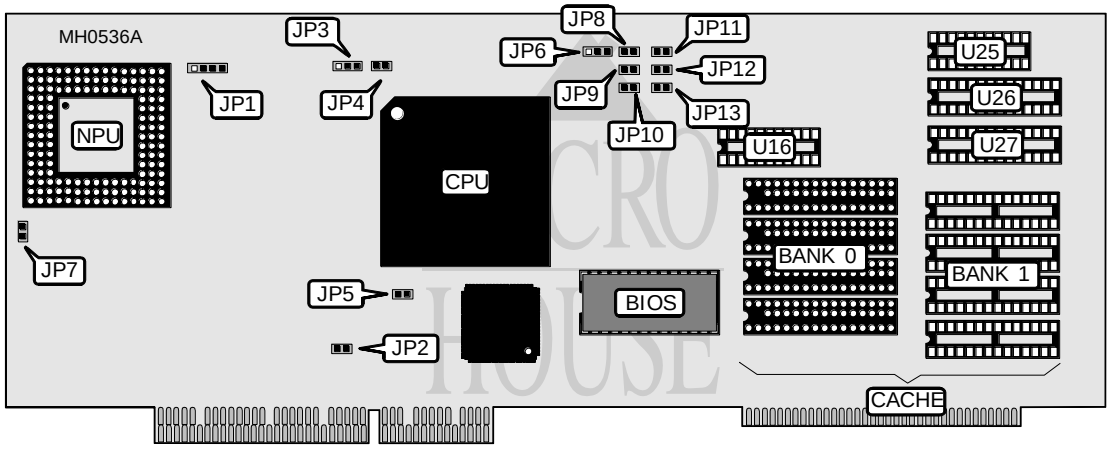


| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í Factory configured - do not alter | JP2 | pins 2 & 3 closed |
| í Factory configured - do not alter | JP4 | Open |
| í Bus master on CPU card enabled | JP5 | Open |
| Bus master on CPU card disabled | JP5 | Closed |

| CACHE CONFIGURATION | | | | | | |
|---|---|---|---|---|---|---|
| Size | Bank 0 | Bank 1 | TAG (U16) | Dirty bit (U25) | TAG (U26) | TAG (U27) |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (1) 16K x 1 | (1) 8K x 8 | NONE | (1) 8K x 8 |
| 128KB | (4) 32K x 8 | NONE | (1) 16K x 1 | (1) 8K x 8 | NONE | (1) 8K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (1) 16K x 1 | (1) 8K x 8 | (1) 8K x 8 | (1) 8K x 8 |
| 512KB | (4) 128K x 8 | NONE | (1) 64K x 1 | (1) 8K x 8 | NONE | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | | | | |
|---|---|---|---|---|---|---|---|
| Size | JP6 | JP8 | JP9 | JP10 | JP11 | JP12 | JP13 |
| 64KB | 2 & 3 | Open | Open | Open | Open | Open | Open |
| 128KB | 1 & 2 | Closed | Open | Open | Closed | Open | Open |
| 256KB | 2 & 3 | Closed | Closed | Open | Closed | Closed | Open |
| 512KB | 1 & 2 | Closed | Closed | Closed | Closed | Closed | Closed |
| Note: Pins designated should be in the closed position. | | | | | | | |

| CPU TYPE CONFIGURATION | | | |
|---|---|---|---|
| Type | JP1 | JP3 | JP7 |
| 80487SX-16 | pins 1 & 2, 3 & 4 closed | pins 1 & 2 closed | Closed |
| 80487SX-20 | pins 1 & 2, 3 & 4 closed | pins 1 & 2 closed | Closed |
| 80486SX-16 | pins 2 & 3 closed | Open | Closed |
| 80486SX-20 | pins 2 & 3 closed | Open | Closed |
| 80486SX-25 | pins 2 & 3 closed | Open | Open |
| 80486DX-25 | pins 1 & 2, 3 & 4 closed | pins 2 & 3 closed | Open |
| 80486DX-33 | pins 1 & 2, 3 & 4 closed | pins 2 & 3 closed | Open |
| 80486DX2-50 | pins 1 & 2, 3 & 4 closed | pins 2 & 3 closed | Open |
| 80486DX2-66 | pins 1 & 2, 3 & 4 closed | pins 2 & 3 closed | Open |