# GIGA-BYTE TECHNOLOGY CO., LTD.
# G A - 4 8 6 S A

| | |
|---|---|
| **Processor** | 80486SX/80487SX/80486DX/ODP486SX/80486DX2 |
| **Processor Speed** | 16/20/25/33/50(internal)/50/66(internal)MHz |
| **Chip Set** | OPTI |
| **Max. Onboard DRAM** | 128MB |
| **Cache** | 64/128/256/512KB |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit local bus card slots (2) |
| **NPU Options** | 4167 |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| Power LED & keylock | J1 | Turbo switch | J4 |
| Reset | J2 | Turbo LED | J5 |
| Speaker | J3 | 32-bit local bus cards (2) | S1 & S2 |
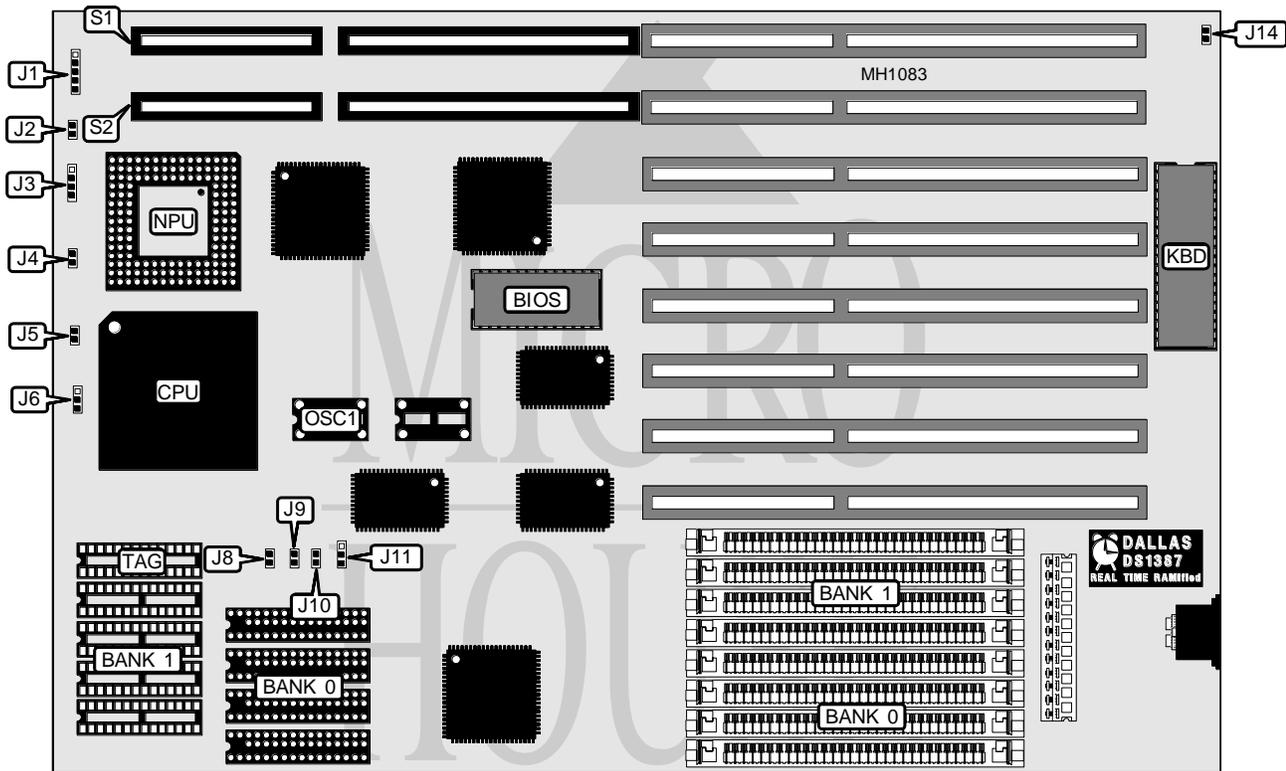
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  CPU type select 80486DX | J6 | pins 1 & 2 closed |
| CPU type select 80486SX | J6 | pins 2 & 3 closed |
| í  Monitor type select color | J14 | Closed |
| Monitor type select monochrome | J14 | Open |

| 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 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |
| 64MB | (4) 16M x 9 | NONE |
| 128MB | (4) 16M x 9 | (4) 16M x 9 |

| CACHE CONFIGURATION | | | |
|---|---|---|---|
| Size | Bank 0 | Bank 1 | TAG |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (1) 8K x 8 |
| 128KB | (4) 32K x 8 | NONE | (1) 8K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (1) 32K x 8 |
| 512KB | (4) 128K x 8 | NONE | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | |
|---|---|---|---|---|
| Size | J8 | J9 | J10 | J11 |
| 64KB | Open | Open | Open | Open |
| 128KB | Open | Closed | Open | pins 1 & 2 closed |
| 256KB | Open | Closed | Closed | pins 2 & 3 closed |
| 512KB | Closed | Closed | Closed | pins 1 & 2 closed |