# QUALOGY, INC.
## Q P C - 5 1 3 8

| | |
|---|---|
| **Processor** | 80286 |
| **Processor Speed** | 12/16MHz |
| **Chip Set** | C & T |
| **Max. Onboard DRAM** | 8MB |
| **Cache** | None |
| **BIOS** | Phoenix |
| **Dimensions** | 338mm x 120mm |
| **I/O Options** | None |
| **NPU Options** | 80287 |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| LEDPWR | J1 pin 1 | KBDPWRF | J1 pin 7 |
| KBDINH | J1 pin 2 | KBDGNDF | J1 pin 8 |
| RETSW | J1 pin 3 | KBDDATF | J1 pin 9 |
| GND | J1 pin 4 | KDBCLKF | J1 pin 10 |
| SPKRF | J1 pin 5 | External battery | J3 |
| PWRGD | J1 pin 6 | Speaker | J19 |
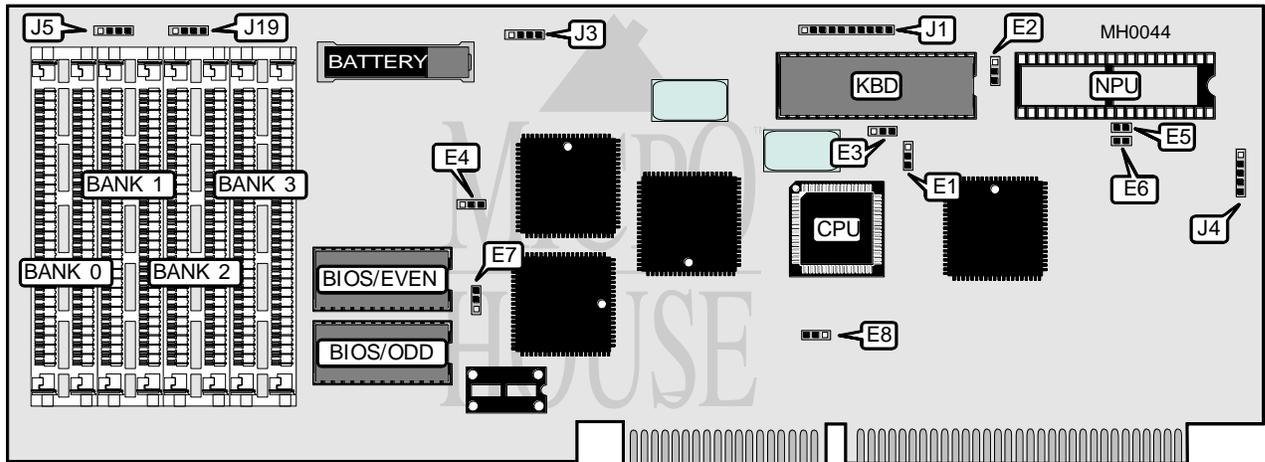
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  NPU mode select synchronous with CPU | E1 | pins 2 & 3 closed |
|    NPU mode select asynchronous with CPU | E1 | pins 1 & 2 closed |
| í  Factory configured - do not alter | E2 | N/A |
| í  Factory configured - do not alter | E3 | pins 2 & 3 closed |
| í  Factory configured - do not alter | E4 | pins 2 & 3 closed |
| í  Manufacturer mode disabled | E5 | Open |
|    Manufacturer mode enabled | E5 | Closed |
| í  Monitor type select color | E6 | Closed |
|    Monitor type select monochrome | E6 | Open |
| í  Factory configured - do not alter | E7 | N/A |
| í  Factory configured - do not alter | E8 | N/A |
| í  Factory configured - do not alter | J4 | N/A |
| í  Factory configured - do not alter | J5 | N/A |

| DRAM CONFIGURATION | | | | |
|---|---|---|---|---|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 512KB | (2) 256K x 9 | NONE | NONE | NONE |
| 1MB | (2) 256K x 9 | (2) 256K x 9 | NONE | NONE |
| 1.5MB | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 | NONE |
| 2MB | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 |
| 2MB | (2) 1M x 9 | NONE | NONE | NONE |
| 3MB | (2) 256K x 9 | (2) 256K x 9 | (2) 1M x 9 | NONE |
| 4MB | (2) 1M x 9 | (2) 1M x 9 | NONE | NONE |
| 6MB | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 | NONE |
| 8MB | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 |