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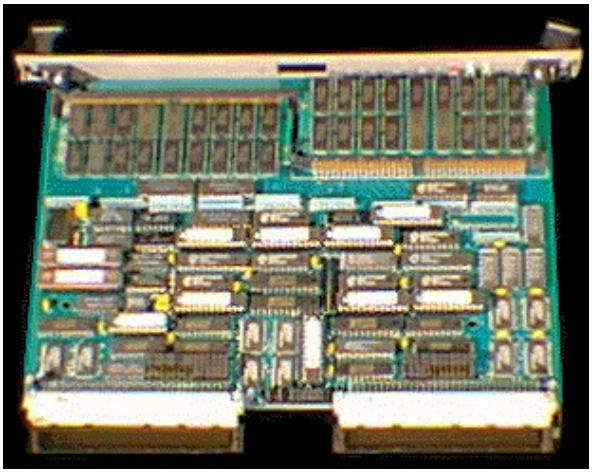
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Find the *Chrislin Industries CI-VME40* at our website: *Click HERE*

Chrislin Industries, Inc.



CI-VME40 SPECIFICATIONS

The CI-VME40 is a high-speed DRAM board with dual-port interfaces to the VME and VSB Busses. The CI-VME40 is optimized for Block Transfer Cycles yielding a bus transfer up to forty megabytes per second. The memory module, with cycle and access times as low as 84 nanoseconds and 25 nanoseconds during block cycles, is an excellent choice for high-speed DMA and dedicated data acquisition devices that require maximum memory transfer rates into dual-ported memories. The CI-VME40 fully supports the current VME and VSB bus specifications. Flexible address selections allow the CI-VME40 to be placed into any VME/VSB environment. The module uses 16Mbit technology DRAM chips allowing low power requirements of 2A (typical) at +5 volts.

- Up to 40MB per second bus transfer rates
- 4MB to 128MB in one 6U VMEbus slot
- VME Revision C.1 compatible
- VSB Revision C compatible
- Upgradeable memory options available
- Byte Parity Error Detection
- Addressable in 24 or 32 bit through 4 Gigabytes
- Memory start and end addresses selectable on 1MB boundaries
- LED indicators: VMEbus access, VSBbus access & Parity ERROR

CHARACTERISTIC	SPECIFICATION
CAPACITY	**4, 8, 16, 32, 64, and 128 megabytes**
CYCLE TIME (Write/Read)	**63/84ns Block Cycle, 195/195ns Single Cycle**
ACCESS TIME (Write/Read)	**25/25ns Block Cycle, 90/140ns Single Cycle**
WORD SIZE	**8, 16, 24, or 32bits**
MEMORY ADDRESSING	**32 or 24bits, 4 GB maximum selectable on 512 Kbyte boundaries**
CSR ADDRESSING	**16 bit, selectable on 256 byte boundaries using VMEbus SHORT I/O**
MODES OF OPERATION - MEMORY	**READ, WRITE, READ-MODIFY-WRITE, BLOCK TRANSFERS, UNALIGNED TRANSFERS**

MODES OF OPERATION - CSR	**READ, WRITE**
VME REV. C.1 Compatibility	**SLAVE, A16, A24, A32, D8, D16, D24, D32, RMW, BLT, UAT, AD0**
VSB REV. C Compatibility	**SLAVE, D32, A32, SAS, ATLAS, AD0, BLT(32)**
ADDRESS MODIFIERS	**Responds to AM Codes 3F, 3E, 3D, 3B, 3A, 39, 0F, 0E, 0D, 0B, 0A, 09, 2D, 29, AM Codes are Programmable**
REFRESH	**Internal, Distributed**
PARITY/ERROR Handling	**Byte Parity**
LED PANEL INDICATORS	**RED- Parity Error, GREEN- VME, GREEN- VSB**
DESIGNED TEMP. RANGE	**Operating: 0 deg.C to +50 deg.C // Storage: - 20 deg.C to +70 deg.C non-condensing**
POWER at 5V	**2.0A typical, 2.5A maximum, 128MB option**
DIMENSIONS	**160mm x 233.35mm, 6U form factor**

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