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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
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along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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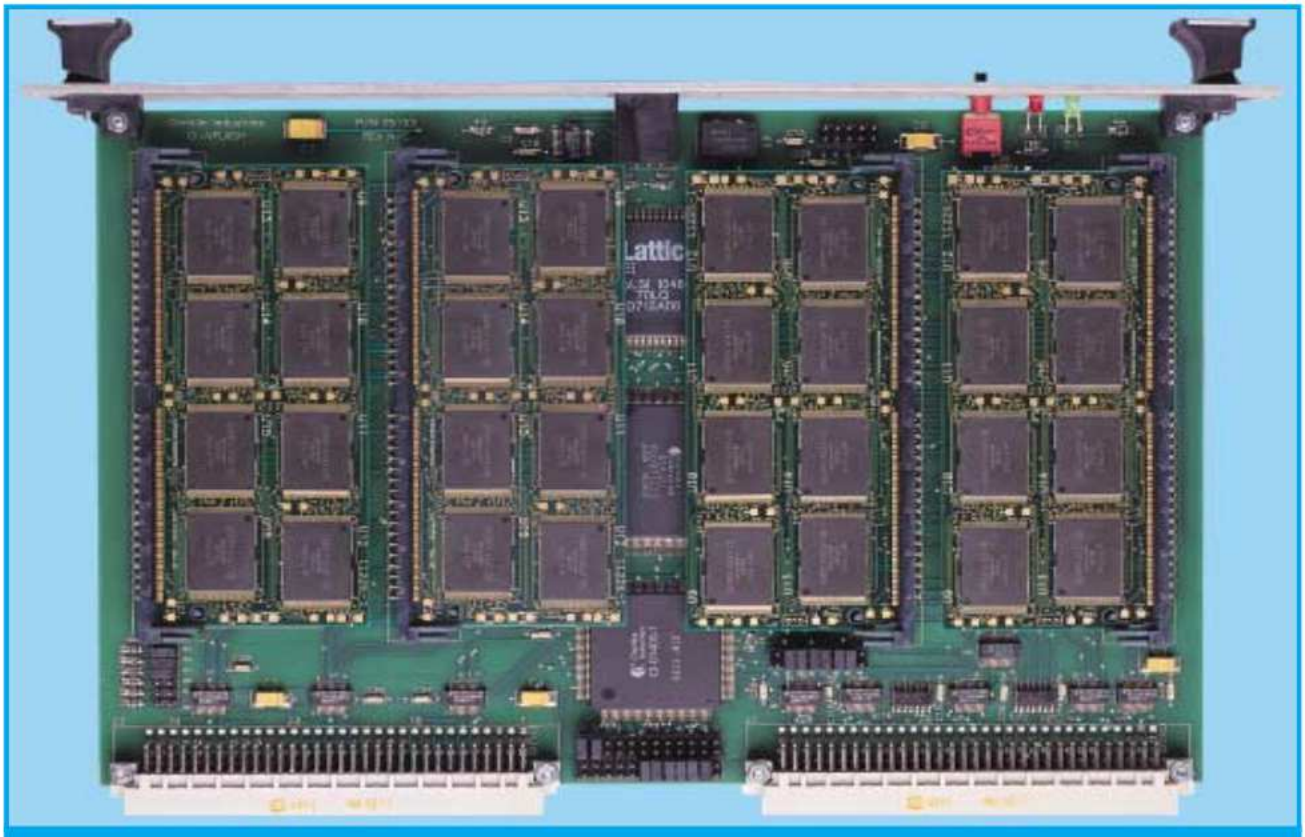
Expert team | Trust guarantee | 100% satisfaction

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

VMEbus

64MB TO 256MB HIGH-SPEED
NONVOLATILE FLASH MEMORY FOR VMEbus SYSTEMS



CI-VFLASH

The CI-VFLASH is a high-speed nonvolatile flash memory with interfaces to the VME and VME64 Busses. The CI-VFLASH is the perfect solution for high-density in-system reprogrammable memory. The module has an access time of 150 nanoseconds for single cycles and operates at 40/80 megabyte/sec bandwidth during block read cycles. The CI-VFLASH can be erased and programed using standard 28F008SA software algorithms. The unique feature of the CI-VFLASH is that it can be erased and written to using no additional software. A double write sequence to the CSR or front panel reset allows the unit to self erase, and a status bit in the CSR allows normal system writes to reprogram memory. The CI-VFLASH makes field use as convenient as standard RAM without the volatility.

FEATURES:

- ★ No Software Required for Erase/Write Operations
- ★ Up to 80MB per second bus transfer rates
- ★ 64, 128, & 256MB in one 6U VMEbus slot
- ★ ANSI/VITA 1 Compatibility
- ★ Fully Supports VME64 Specification
- ★ Upgradeable FLASH memory options available
- ★ Addressable in 24 or 32 bit through 4 Gigabytes
- ★ Memory start and end addresses selectable on 1 MB boundaries
- ★ Control Status Register
- ★ LED indicators for VME/VME64 accesses, and Erase & Write Busy Mode

Chrislin Industries, Inc.

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SPECIFICATIONS

CHARACTERISTIC	SPECIFICATION
CAPACITY	64, 128, or 256 Megabytes
CYCLE TIME READ	100ns BLOCK CYCLE, 180ns SINGLE CYCLE
ACCESS TIME READ	35ns BLOCK CYCLE, 150ns SINGLE CYCLE
CYCLE TIME (program write)	180ns SINGLE CYCLE ONLY
ACCESS TIME (program write)	150ns SINGLE CYCLE ONLY
CYCLE TIME (internal write)	10us max BLOCK and SINGLE CYCLE
ACCESS TIME (internal write)	10us max BLOCK and SINGLE CYCLE
BOARD ERASE	30 to 150 seconds
WORD SIZE	8, 16, 24, 32 or 64 bits-read, 32 or 64 bits-write
MEMORY ADDRESSING	A32, 4 GB max. Selectable on 1MB boundaries
CSR ADDRESSING	A16, selectable on 256 byte boundaries using VMEbus SHORT I/O
MODES OF OPERATION MEMORY CSR	READ, WRITE, PROGRAM WRITE, BLOCK TRANSFERS, UNALIGNED TRANSFERS READ, WRITE
VME64 COMPATIBILITY	SLAVE, A16, A32, D8, D16, D24, D32, D64, BLT, MLBT, UAT, AD0
ADDRESS MODIFIERS	Responds to AM Codes 3F, 3E, 3D, 3B, 3A, 39, 0F, 0E, 0D, 0B, 0A, 09, 2D
FRONT PANEL LED INDICATORS	RED - memory busy, indicates write or erase operation in progress GREEN - VME/VME64 cycle
FRONT PANEL SWITCH	Erase Mode Operation
DESIGNED TEMPERATURE RANGE	Operating: 0 deg. C to +75 deg. C non-condensing
POWER REQUIREMENTS +5 Volts	TYPICAL MAXIMUM 1.2A 1.6A 256MB Option
DIMENSIONS	160mm x 233.35mm, 6U form factor

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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