ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Curtiss-Wright / VMETRO / Micro Memory MM-6390/32* at our website: ***Click HERE***

MM-6390D

512 MBYTE, 80 MBYTE/SEC TRANSFER RATE, DUAL-PORT VME/VME64/VSB DRAM MEMORY MODULE

A high-speed, dual-port, single card slot, high-density memory module, the MM-6390D provides up to 512 Mbytes for VME/VME64/VSB systems. It is intended for high performance applications employing Block Transfer at data rates greater than 80 Mbytes/sec. It also supports sequential access (BLT/MBLT) of 256/2K bytes on the VME/VME64 and 1 Kbytes on the VSB bus.

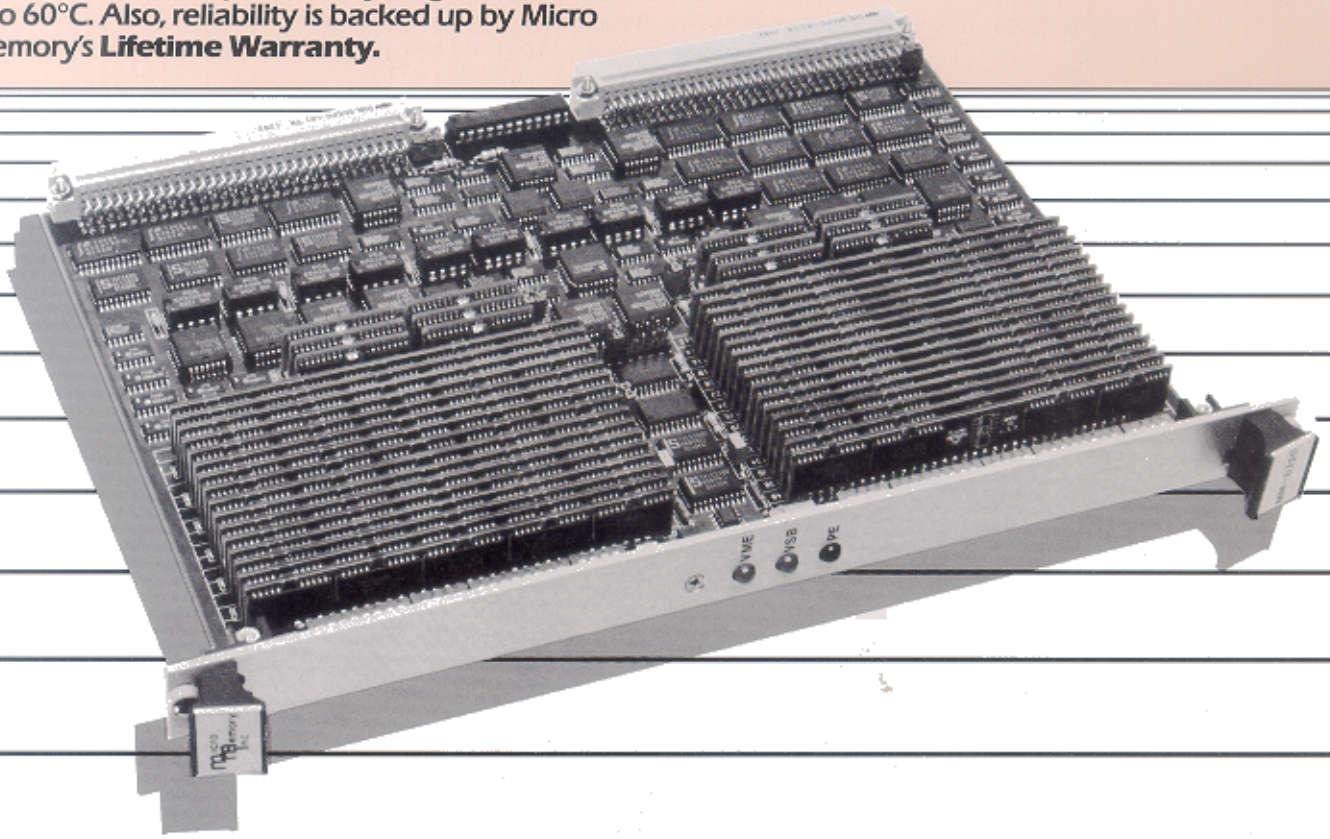
The Control Status Register (CSR), located in the short I/O address space, stores and reads byte-wide parity errors detected on the VME/VSB buses. The other bits enable Write-Wrong parity for diagnostics, disable the VME-port and determine whether the memory is CACHEable on the VSB bus.

Parity generation and checking are provided for each byte; parity status is stored and transmitted via BERR*.

Reliability is ensured by burn-in and running memory diagnostics that check operation for 48 hours while temperature-cycling boards from 0 to 60°C. Also, reliability is backed up by Micro Memory's **Lifetime Warranty.**

FEATURES:

- Capacity: 32M, 64M, 128M, 256M, 512M bytes
- Cycle/Access Time (nsec):
  Block Transfer (BLT/MBLT)
  Write: 100/30, Read: 100/30
- Data Transfer Rate:
  VME64: 80 Mbytes/sec
  VME/VSB: 40 Mbytes/sec
- Compatible with VMEbus Rev D and VSBbus Rev C with A32/A24/D64/D32/D16/D8 (UAT) for VME/VME64 and A32/D32 for VSB
- Block transfer (BLT) 256 bytes for VME, MBLT of 2 Kbytes for VME64, and 1 Kbytes for VSB
- Parity generation and checking for error detection on each byte
- Write-Wrong parity for diagnostics under software control
- Module selection on 1 Mbyte boundaries, switch-selectable for lower and upper limits on each bus
- VMEbus Control Status Register (CSR) for parity reporting and control
- **Lifetime Warranty**



micro memory inc
9540 Vassar Ave.
Chatsworth, California 91311
Telephone: (818) 998-0070
FAX: (818) 998-4459

MM-6390D SPECIFICATIONS

Parameter	Specification
Capacity	32M, 64M, 128M, 256M, 512M bytes
Cycle/Access Time (nsec)	Block Transfer (BLT/MBLT) - Write: 100/30, Read: 100/30
Data Transfer Rate	VME64: 80 Mbytes/sec, VME/VSB: 40 Mbytes/sec
Address	32 bits for VMEbus, 32 bits multiplexed with 32 data bits for the VSBbus
Data In/Data Out	8, 16, 32, 64 bits (UAT) for VMEbus, 32-bit slave for VSBbus
Sequential Access	Block transfer (BLT/MBLT) of 256/2K bytes, 8 Kbytes on the VME/VME64bus, 1K bytes on the VSBbus
Address Modifiers	AM0-AM5 decoded by socketed PLD with the following codes: A24: 39, 3A, 3D and 3E A32: 09, 0A, 0D and 0E A24 with MBLT: 3B, 3C A24 with BLT: 3B, 3F A32 with BLT: 0B, 0F with MBLT: 08, 0C
Parity Checking	Byte-wide parity generation and checking; parity output stored and transmitted via CSR, Write-Wrong parity for diagnostics
Control Status Register (CSR)	Read/Write, 8 bits wide, jumper-selectable in VME short I/O space (A16) with VMEbus low limit address tracking
CSR Format	D0 Enable Parity Out D1 Write-Wrong Parity D2 Memory CACHEable for VSB D6 VMEbus Disable D7 Parity Error Others: Don't Care
Interface	VME Rev D and VSB Rev C
Modes of Operation	Read, write, read-modify-write, and refresh
Memory Selection	Two independent memory ports, switch-selectable on 1 Mbyte (100000_H) boundaries for each port by setting the upper and lower limits
Operating Temperature	0 to +60°C
Storage Temperature	−40 to +85°C
Relative Humidity	Up to 95% without condensation
Power Requirements	5V @ 5.5A

ORDERING INFORMATION

Part Number	Memory Capacity
MM-6390D/XXX	XXX = 32M, 64M, 128M, 256M, 512M bytes

Specifications are subject to change without notice. Micro Memory Inc. reserves the right to make changes to improve reliability, function, or design. Micro Memory Inc. does not assume any liability arising from applications of this product.
© Copyright 1993 Micro Memory Inc.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP