

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.

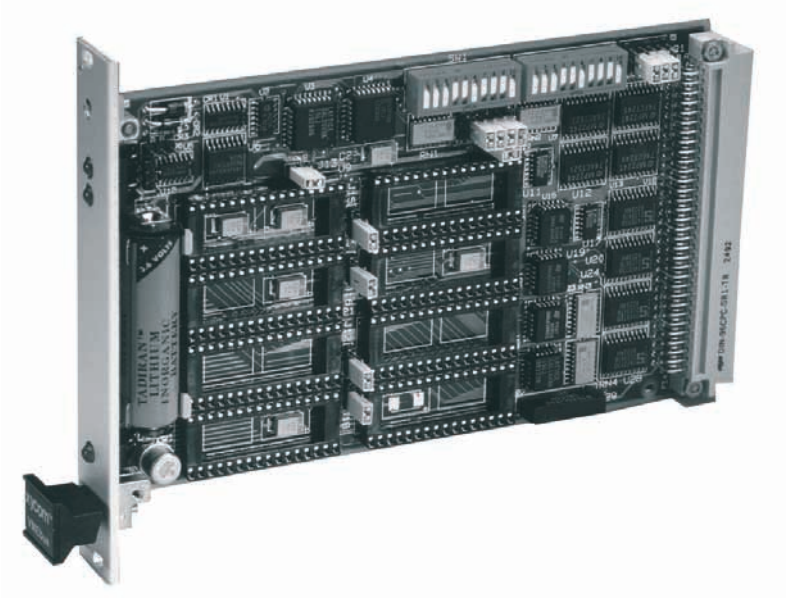
Custom engineering
so your equipment works exactly as you specify.

- 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 *Acromag / Xembedded / Xycom XVME-103* at our website: ***Click HERE***



XVME-103 RAM/ROM/Flash Memory Module

FEATURES

- Eight 32-pin memory sockets
- Two independently configurable memory banks (via jumpers and switches)
- Supports read modify write (RMW) cycles
- Power-down memory protection circuitry
- Battery backup for CMOS RAM devices
- Completely user-configurable, allowing a variety of memory device speeds and types to be used
- Supports EPROM, CMOS RAM, Flash, and EEPROM
- Backup power monitor with front panel battery low indicator
- Front panel bank activity LEDs

The XVME-103 RAM/ROM Memory Module is a single-high, VMEbus-compatible board. It can accommodate up to 4 MB of RAM, 8 MB of EPROM, 4 MB of Flash or 4 MB of EEPROM. The module is designed with an on-board battery backup circuit to provide power to CMOS RAM devices in the event of a power failure.

The XVME-103 has eight 32-pin JEDEC sockets that are logically divided into two separate memory banks, containing four sites each. Each bank is designed to employ memory devices of the same type and speed, and each bank can be independently configured (via jumpers and switches).

Power monitoring circuitry on the XVME-103 prevents access to memory, and optionally asserts SYSREST if the supply voltage falls below 4.75 VDC. This circuit also: checks the backup power source during power-up, will turn on a front panel "battery low" LED, and can be configured to assert SYSFAIL if the backup voltage is insufficient to back-up CMOS memory devices.

XYCOM VME

Embedded products that you can count on!

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0° to 65° C (32° to 149° F)	-40° to 85° C (-40° to 185° F)
Humidity	20% to 90% RH, noncondensing	20% to 90% RH, noncondensing
Shock[a]	30g peak acceleration, 11 msec duration	50g peak acceleration, 11 msec duration
Vibration 5-2000 Hz[a]	.015" (.38 mm) peak-to-peak displacement, 2.5g maximum acceleration	.030" (.76 mm) peak-to-peak displacement, 5.0g maximum acceleration
Altitude	Sea level to 10,000 ft.(3048 m)	Sea level to 40,000 ft.(12192 m)

Hardware

Power supply	+5 V @ .7A typical, .9 A maximum
Battery Rating	1.9 Amp hours
Battery Life	Three years typical (using Hitachi 628128 RAM, or equivalent devices)

Memory	RAM	EPROM	Flash	EEPROM
Capacity[a]	4 MB	8 MB	4 MB	4 MB
Supported Device Sizes[a]	128Kx8, up to 512Kx8	128Kx8, up to 1024Kx8	128Kx8, up to 512Kx8	128Kx8, up to 512Kx8
Supported Device Speeds	50 ns, 100 ns, 150 ns, and 200 ns		50 ns, 100 ns, 150 ns, and 200 ns	

[a] two banks of four sites

VME Compliance

- Complies with VMEbus Specification, IEEE 1014-1987 Rev. C1
- A24:D16/D08(EO) DTB Slave
- 4 BUS GRANT INs connected to their respective BUS GRANT OUTs
- IACKIN connected to IACKOUT
- SYSFAIL Driver
- Supports RMW
- Form Factor: SINGLE (3U): 6.5" × 3.95" (165.1 mm × 100.3 mm)

ORDERING INFORMATION

OrderNumber	Description
XVME-103	Single-high RAM/ROM Memory Module
includes	6U Front Panel Kit

XycomVME, Inc.
710 N. Maple Rd.
Saline, MI 48176
Ph. 734.944.1942
Fax. 734.944.1999

Web Site: www.xycomvme.com

©2005 XycomVME, Inc. All rights reserved. Printed in USA.
All brand or product names are the property of their respective owners.
Specifications may change without notice.

XycomVME, Inc. a company of the



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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