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 *Chrislin Industries CI-VME4G* at our website: *Click HERE*

VMEbus / 4GB

64MB to 4GB HIGH-SPEED VMEbus Memory



CI-VME4G

The CI-VME4G is a high-speed, high-capacity DRAM memory board with VME64 and VSB interfaces. The CI-VME4G is optimized for Block Transfer Cycles yielding a bus transfer rate up to 80 megabytes per second. The CI-VME4G is an excellent choice for high-speed DMA and memory buffered systems that require maximum memory transfer rates into large memory capacities. The CI-VME4G fully supports the current ANSI/VITA Bus Specifications for both the VSB and VMEbus. Flexible software programmable address selections allow the CI-VME4G to be placed into any VMEbus environment. The CSR allows configuration of Address Selection. All CSR configuration settings are stored in EEPROM.

FEATURES:

- Up to 80MB/sec VMEbus transfer rates
- 64MB to 4GB in one 6U VMEbus slot
- Dual Port Access from the VSB
- LED indicators for VME, D64, VSB, ALU
- 64 bit data path for higher data transfer rates
- Jumperless Configuraion, stored in EEPROM
- Memory start and end addresses selectable on 1MB boundaries

Chrislin Industries, Inc.

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

SPECIFICATIONS

CI-VME4G

CHARACTERISTIC	SPECIFICATION
Capacity	64, 128, 256, 512 megabytes, 1, 2, and 4 gigabytes
Cycle Time	100ns BLOCK CYCLE, 195ns SINGLE CYCLE
Access Time Write/Read	30/30ns BLOCK CYCLE, 90/140ns SINGLE CYCLE
Word Size	8, 16, 24, 32, or 64 bits
Memory Addressing	A32, 4 GB maximum selectable on 1 MB boundaries
CSR Addressing	A16, selectable on 256 byte boundaries
Modes of Operation MEMORY CSR	READ, WRITE, READ-MODIFY-WRITE, 64/32 Bit BLOCK TRANSFERS, UNALIGNED TRANSFERS READ, WRITE
ANSI/VITA 1-1994 ANSI/VITA 1.1-1997 Compatibility	SLAVE, A16, A32, D8, D16, D24, D32, D64, RMW, MBLT, UAT, AD0
VSB Rev C Compatibility	SLAVE, D32, A32, SAS, ATLAS, ADO, BLT(32)
Address Modifiers	Responds to AM Codes 0E,0D,0C,0A,09,08,2D, & 29 AM Codes are programmable
Refresh	Internal, Distributed, Queued
LED Indicators	VME, D64, VSB, ALU (green)
Designed Temperature Range	Operating: 0 deg. C to +50 deg. C non-condensing Storage: - 20 deg. C to +70 deg. C non-condensing
Power Requirements +5 Volts	TYPICAL MAXIMUM 2.5A 2.9A 4GB Option
Dimensions	160mm x 233.35mm, 6U form factor

Chrislin Industries, Inc.
31312 Via Colinas, #108
Westlake Village, CA 91362

Tel: (818) 991-2254
Fax: (818) 991-3490
Sales: (800) 468-0736

www.chrislin.com
sales@chrislin.com
support@chrislin.com

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