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 *Abaco Systems / VMIC VMIVME-5522V* at our website: *Click HERE*

VMIVME-5522L, SGI-TO-VMEbus ADAPTER

- **Provides Connectivity Between Silicon Graphics Multiprocessor Computer (CHALLENGE™ and Onyx™ Series) and 6U VMEbus**
- **Supports A16, A24, A32, A64 as VMEbus Master**
- **Supports D8, D16, D32, and D64 for Programmed I/O Accesses (PIOs) as VMEbus Master**
- **Supports A24, A32, and A64 as VMEbus Slave**
- **Supports D8, D16, and D32 Both Single Cycle and Block Transfers as VMEbus Slave**
- **Supports D64 Multiplexed Transfer as VMEbus Slave**
- **On-Board DMA Engine for Fast Transfer of Data to or from System Memory**
- **Provides VMEbus System Controller Functions**
- **Multimaster, Allows Multiple Masters in VMEbus Chassis**
- **Provides 16-Deep PIO FIFO for Smooth VMEbus Write Accesses**
- **Supports Test and Set Operations for D8, D16, D32 with A16, A24, A32**
- **Provides Built-In VMEbus Interrupt Handler**
- **Each of the Seven VMEbus Interrupt Levels May Be Mapped into Any of the 128 Interrupt Levels of the System**
- **Supports Cable Lengths of 5 Meters**
- **Fully Supported by SGI Operating System and Requires No Additional Driver**

The SGI-to-VMEbus Adapter

The SGI-to-VMEbus Adapter is a fast, easy-to-use method of connecting a Silicon Graphics multiprocessor computer (CHALLENGE(TM) and Onyx(TM) series) to a standard 6U VMEbus. The VMIVME-5522L is user installable and installation instructions are included in the product manual.

- Fully Supported by SGI IRIX Operating System Software
- DMA Data Transfers to or from System Memory at Up to 58 Mbyte/s
- Supports 24, 32, and 64-bit Addresses as VMEbus Master or Slave Plus, 16-bit Addresses as Master
- Supports 8, 16, 32, and 64-bit Data Transfers as VMEbus Master and Slave
- Up to 4 Adapters May Be Used on a Single SGI Computer
- Supports 64-bit Multiplexed Data Transfers as a VMEbus Slave
- Supports 8, 16, 32, and 64 Data Transfers for Programmed I/O
- Multimaster Compatible, Allows Multiple Masters in the Same VMEbus Chassis
- 100% Software Compatible with SGI Internal VMEbus
- Provides VMEbus System Controller Functions
- Supports 8, 16, and 32-bit Data Transfers (Single Cycle (PIO) and Block Transfers) as a VMEbus Slave
- Provides 16-Deep PIO FIFO for Fast VMEbus Write Accesses
- Supports Test and Set Operations
- Provides Built-In VMEbus Interrupt Handler
- Each of the Seven VMEbus Interrupt Levels May Be Mapped into Any of the 128 Interrupt Levels of the System



VMIC announces the availability of the VMIVME-5522L SGI-to-VMEbus Adapter. The VMIVME-5522L is composed of two (2) adapter boards linked via a cable set. One adapter board mounts directly to the Silicon Graphics POWERchannel-2(TM) board and the other adapter board resides in slot 1 of the VMEbus chassis.

Other features include an on-board DMA engine for fast transfer of data to or from system memory and D64 multiplexed transfer as a VMEbus slave. The adapter provides VMEbus system controller functions, multimaster compatibility, and a built-in VMEbus interrupt handler.

Contact VMIC for further information and current pricing information.

Applications include Real-Time Data Acquisition, Process Control, Simulation, Training, Laboratory Instrumentation, and Automatic Test Equipment (ATE) Systems.

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