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 *Dawn VME VME64UXB12DJ0-CS/SW* at our website: *Click HERE*

Dawn VME Products®

VME64x Universal Test Extender

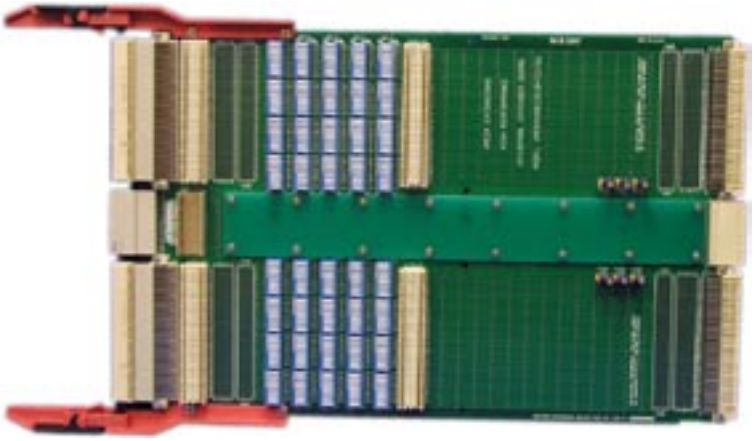
With J0 Connectors

VME64x Test/Development: Model 715

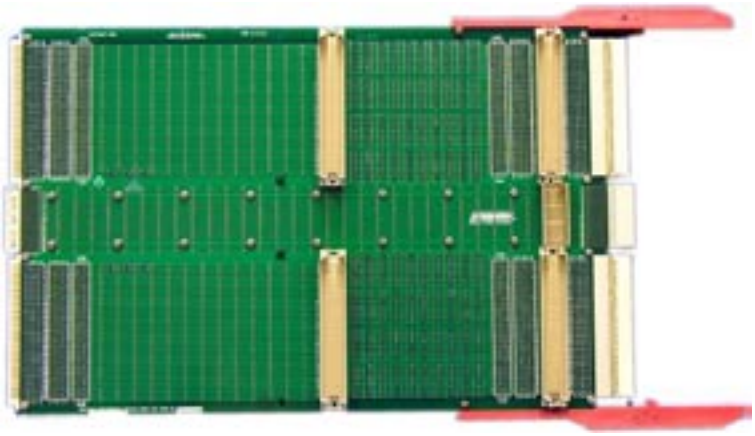
Features

- ANSI/VITA 1997 1.1 compatible
- Monolithic J1J0J2 VME64x universal test extender
- All J1, J0 and J2 pins are bussed
- Any and all J1 and J2 lines are switch interruptible
- User can tie any J1/J2 pin to any of four voltage planes for power and ground assignment
- 2 oz copper power and ground planes reduce voltage drop
- Optimal signal integrity using Dawn-originated balanced and matched impedance transmission line design; power/ground plane isolation provides minimal crosstalk
- Accommodation for logic analyzer test probes before and after signal interrupt switches
- Accommodation for test probes at J0 connectors
- High quality, rugged inject/eject card guide handles that securely affix the board under test

Front Side of Extender



Rear Side of Extender



Overview

Dawn VME Products created the industry's first "VME64x" universal extender board with J0 connectors. As a leader in test/development and backplanes to the VME, VME64x and CompactPCI industry, Dawn's extender boards incorporate microstrip/stripline design technology, resulting in optimum signal integrity and reduced crosstalk noise.

Another common design feature found in all of Dawn's test extender boards and backplanes is the use of heavy power and ground planes. The benefit is additional signal shielding while virtually eliminating voltage drops. **Model 715** also features DIP switches on every signal line so that J1/J2 pins can be individually interrupted for easier test/development. Finally, **Model 715** includes heavy-duty inject/eject card guide handles to fasten the DUT board during test.

Technical Specifications

Mechanical

Compatibility: ANSI/VITA 1997 1.1 and IEEE P1014

PCB Material: FR4 and fully compliant with IPC-4101/26

PCB Design Construction: High-performance, 9-layer microstrip/stripline

Power and Ground Planes: 2 oz copper

Signal Plane: 1 oz copper

Weight: 4 oz

Environmental

Storage Temperature: -20ºC to +85ºC

Operating Temperature: 0ºC to +50ºC

Humidity: <95% non-condensing

MTBF: >300,000 hr operating at +40°C

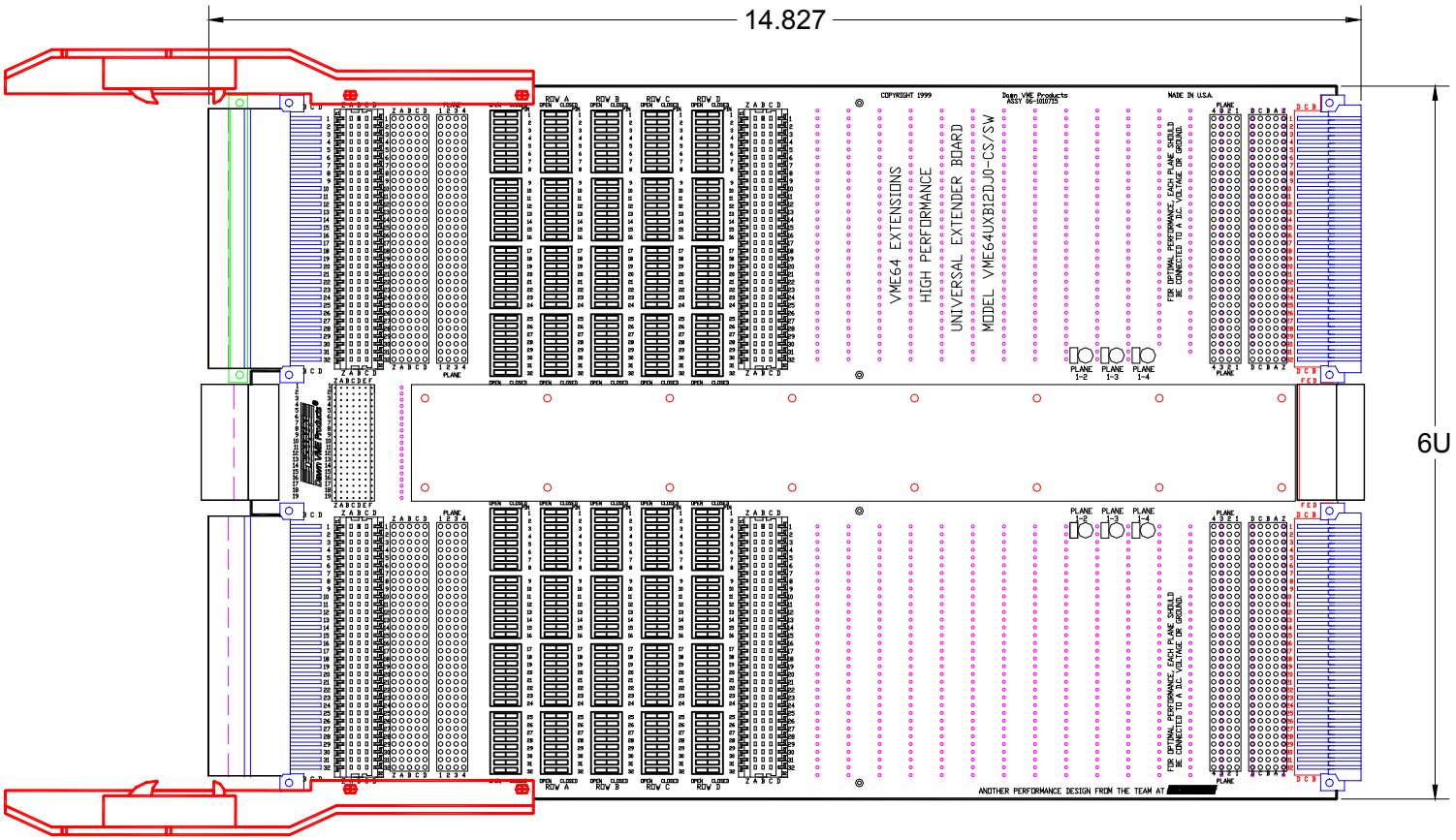
47915 Westinghouse Drive Fremont, CA 94539 phone 510.657.4444 fax 510.657.3274 www.dawnvme.com

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

Ordering Information

Ordering Number: 06-1010715

Front Side of Extender Board



Additional VME64x Products from Dawn:

- Development Enclosures
- Powered Enclosures
- Test Extender Boards
- Monolithic Backplanes
- Front Filler Panel Kits
- System Health Monitor Kit
- Overlay Products

Executive Member of the VITA Organization

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