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.

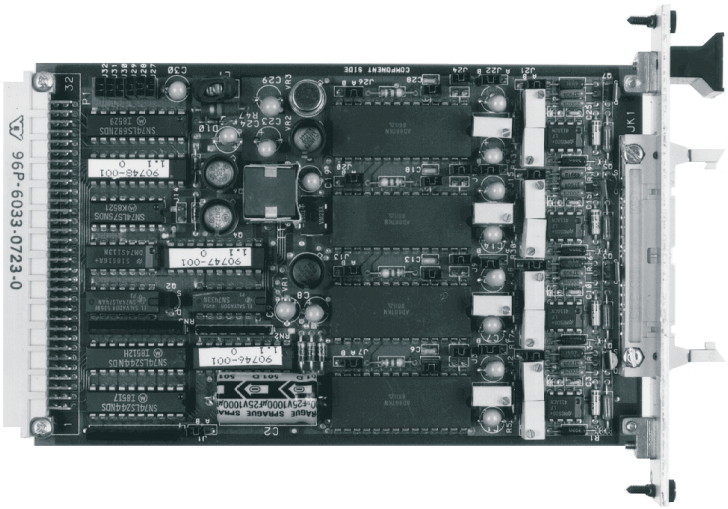
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

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-505/1* at our website: *Click HERE*

XVME-505
4-Channel Analog Output Modules



The XVME-505 Analog Output module is a powerful, single-high, VMEbus-compatible I/O module, which can perform 12-bit D/A conversions. This module provides your VMEbus system with the capability of producing analog output over any of four independent channels. Each channel can be separately configured for a variety of voltage or current output options.

FEATURES

- Four independent analog output channels
- 12-bit resolution
- Voltage ranges of 0-5V, 0-10V, ±5 V, ±10V
- Current output range from 4 to 20mA
- Fully compatible with analog devices
- 3B signal conditioning
- On-board DC/DC converter

APPLICATIONS

- Process control
- Machine control
- Display meters
- Loop controller setpoints

XYCOM VME

Embedded products you can count on!

DS-74505 Rev. G

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

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

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

Hardware

Power	+5V (±5%): 1.9A, maximum / 1.6A, typical
Input channels	Four
Resolution	12 bits
Overall error	±0.5 LSB
Differential linearity	±1 LSB
Digital input coding	Binary, two's complement, offset binary
Voltage Output Characteristics	
Ranges	0-5V, 0-10V, ±5V, ±10V
Output current	5mA min.@ ±10 V
Settling time	7 µsec
Offset T.C.	5 ppm/°C
Gain T.C.	100 ppm/°C
Current Loop Characteristics	
Range	4-20mA, non-isolated
Compliance voltage	10 V @ 20 mA
Loop supply voltage	+15V to +30V
Settling time	50 µS
Load resistance range	50-500 W
Offset T.C.	75 ppm/°C
Gain T.C.	100 ppm/°C

VMEbus Compliance

- Complies with VMEbus specification, IEEE 1014
- A16:D16/D08(EO) DTB Slave
- Form factor - SINGLE 6.5" × 3.94" (165.1 mm × 100.01 mm)

ORDERING INFORMATION

Order Number	Description
XVME-505/2	4-channel analog output with 4-20mA current or voltage outputs

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

Web site: www.xycomvme.com

XycomVME, Inc. a company of the 3Sixty group

©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.

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