



**PRELIMINARY**

## MVME4905 Digital-Synchro/Resolver Converter Module

### Specifications

- 16-bit converter with an accuracy as high as  $\pm 1$  arc minute, ( $\pm 4$  arc minutes is standard)
- 3- or 4-wire output for driving synchros or resolvers
- Internal transformers (400 Hz options)
- Front panel indicator - fail LED
- Output Connector- Amp D-type (no. 206584-1)
- 5 VA, 2 VA (transformer output)
- Nonprivileged or supervisory short I/O
- Supports off-line and on-line fault detection and isolation
- Address Modifier Codes - Jumper selectable for short supervisory or short nonprivileged I/O access. Factory configured for short supervisory I/O access.

### VME Specifications

- Conforms with VME Specifications Revision C.1 IEEE Std. 1014-1987
- Board size: 6U

### Power Requirements

- No external +/-15V required.

Low Power	High Power
5V @ 800mA	5V @ 800mA
$\pm 12V$ @ 50mA	$\pm 12V$ @ 2.5A

### Environmental

- Operating Temperature: -20 to 85 °C
- Storage Temperature: -40 to 125 °
- Shock: 25g, 11ms on all axis
- Humidity: 95% Rel. Humidity, non-condensing

PHOTO COMING SOON

The MVME4905 is a drop-in-replacement for the GE-IP VMIVME4905

### Features

The MVME-4905, a digital-to-synchro or resolver converter (DSC/DRC) module. It supports a wide variety of options. The module supports Built-in-Test hardware and features both offline and online fault detection and isolation. **NO EXTERNAL +15V is required to operate this module.**

- Conformal coating is standard on all units.
- Conduction-cooled version available

As with all Merlin Embedded DIR products, the MVME4905 has the same, or better, functional performance than the product it is replacing. All Merlin Embedded products are backed by a 2-year warranty and 15 years of life-cycle support. The user will not have to take on any obsolescence issues when utilizing Merlin Embedded products.

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