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Find the *Excalibur Systems EXC-3000VXI-C/D6E2G1H1* at our website: *Click HERE*





EXC-3000VME

The EXC-3000VME is a multi-protocol test and simulation card for VME and VXI systems. The card supports up to 10 user selected communication channels, including ARINC-429/ 419/ 561/ 568/ 575/ 582, RS-232/422/485. Additional channels, supporting SDLC, MIL-STD-1553, and IEEE-488, may be added with plug-in piggyback adapter cards. The receiver mode allows for storage of all or selected information. The on-board, hi-speed processor and true dual-port RAM offer a simple and powerful interface to the card. The card operates independently of the host computer, reducing the need for host intervention. The EXC-3000VME is supplied with C drivers, including source code. A C-size version of this product, the EXC-300VXI, is also available.

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Specifications

General Specifications

- Supports up to 10 channels
- Protocols Supported: ARINC-429/419/575/561/582 ARINC-429 Williamsburg/Buckhorn RS-232/422/485
- 16K x 16 Dual Port RAM
- Adapter Cards Supported SDLC, MIL-STD-1553, IEEE-488
- Programmable Bit Rate

Transmit Channels

- Error Injection (ARINC only)
- Programmable Transmit Inter-Word Time
- Programmable Transmit Inter-Message Time
- Programmable Bit Rate

Receive Channels

- Error Detection (all protocols)
- Filtering of Receive Data
- Start Storage on Receipt of Trigger

Host Interface

- VMEbus Compliance Slave A16 & A24/A32: D8/D16
- VXI Compliance Register Based
- Memory Space Occupied 16K x 16
- Interrupts IRQ* 1-7
- Power +5V ± 5% @ 1.5A
- +12V ± 5% @ 50mA

Physical Characteristics

- Dimensions 160mm x 233mm (B Size) or 340mm x 233mm (C Size, incl. RFI/EMI shield)
- Weight (-B) 520 grams

Operating Environment

- Temperature 0 - 45° C
- Humidity 5% - 90% Noncondensing
- MTBF (-B) 92,500hrs at 25° C, G_F

Software Support

- C Drivers with source code

Ordering Information

- EXC-3000VME/xx * Multi-Protocol Interface for VME (B Size)
- EXC-3000VXI/xx Multi-Protocol Interface for VXI (C Size)

Notes:

- Notes:
- to section 'EXC-3000 Channel Modules' for module description and
- specifications and ordering information.

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