



## 9422 Analog Input Module

### Specifications:

Number of Analog Inputs: 32 differential  
Resolution: 16 bits.  
Input Range:  $\pm 2.5V$   
Conversion Rate: 300kHz  
SFDR: -83dBV  
Input Impedance:  $> 1M\Omega$   
Noise Floor: -123dBV  $\sqrt{\text{Hz}}$  over 100kHz bandwidth

### VME Specifications

Meets VME Specifications Revision C.1 IEEE Std. 1014-1987

A16:D32 BLT Slave

Address Modifier Code 29, or 2D HEX.

256 consecutive byte locations, base address configurable within 64K Short I/O space.

Board size: 6U

### Power Requirements

+5 Volts @ 500mA

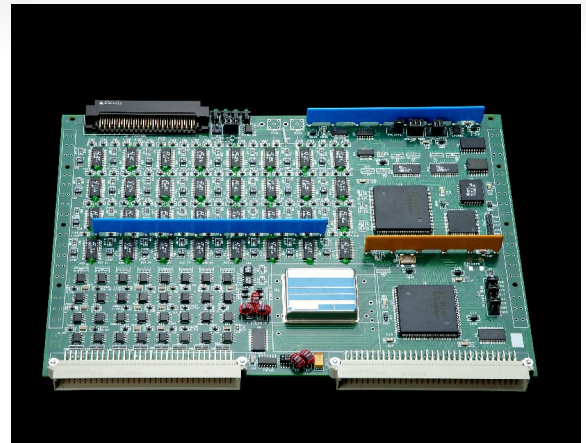
$\pm 12$ Volts @ 400mA

### Environmental

Operating Temperature: -40 to 85 °C

Storage Temperature: -40 to 125 °C

Shock: 25g, 11ms on all axis



### The 9422 Analog Input Module offers the following features:

Digital data is sent to either the VMEbus or FPDP interface.

All 32 channels are simultaneously sampled.

Self-test on SYSRESET

Up to 8 boards may be synchronized across the FPDP interface.

Conformal coating is standard on all units.

Conduction-cooled version available.

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