

Precision Analog Systems

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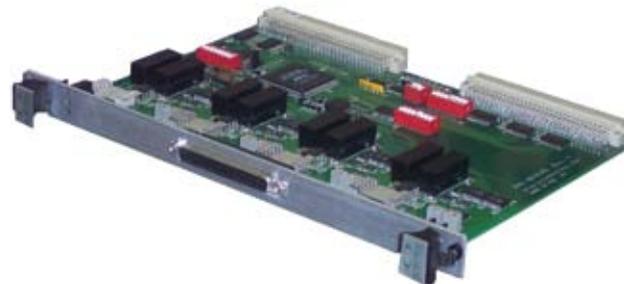


PAS 9819/AO 4-Channel 16-Bit High-Current VME Output Card

PAS 9819/AO provides four isolated, programmable, high-current output channels with 16-bit resolution on a 6U VME card. The programmable output current of ± 40 mAmps is ideal for higher than normal output current needs.

The four channels on this card are electrically isolated from chassis ground and from each other, which completely eliminates ground loop problems. Each channel has an isolated ± 30 V power supply, a feature typically only found on cards at triple the cost.

A high-speed Digital-to-Analog Converter (DAC), followed by a high-power operational amplifier, comprises each channel and provides an output current proportional to the output voltage from the DAC.



FEATURES

- › SETTLING TIME: 400 μ Sec to 0.1% (typ)
- › POWER REQUIREMENT: 5 Volts @ 4 Amps (typ)
- › DATA FORMAT: Binary Two's Complement data
- › DATA READ-BACK: DACs have digital read-back registers
- › RESET VALUE: DACs reset to 0 during power up or software reset
- › VME INTERFACE: D32, D16, A32, A24, A16 Slave, no interrupts
- › SIMULTANEOUS UPDATE: Software updates all DACs simultaneously
- › STATUS INDICATORS: Pass, Fail and Board Access LEDs on panel
- › OPERATING TEMPERATURE RANGE: 0 to 60 degrees C
- › STORAGE TEMPERATURE RANGE: -20 to +85 degrees C
- › RELATIVE HUMIDITY RANGE: 20% to 80%, non-condensing

For more information, contact: info@precisionanalog.com

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