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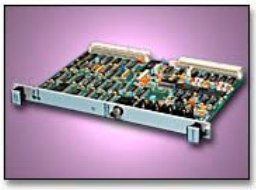
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Find the *Acromag AVME9320* at our website: *Click HERE*

AVME9320

12-bit A/D (D/A optional) Analog I/O



Data Sheet & Specs *(pdf 270KB)*
Instruction Manual
Request Printed Catalog

- **Model AVME9320**: Analog Input
- **Model AVME9321**: Analog Input/Output

These boards interface analog input signals to the VMEbus. Typical uses include applications with external signal conditioning where rapid A/D conversion is needed. They are ideal for low-cost, high-speed data collection applications.

Two channel selection schemes and three trigger sources offer operational flexibility and high throughput. In the individual channel mode, the input channel defined by the user undergoes an A/D conversion for each conversion trigger. The sequential scanning mode automatically increments to the next input channel after each conversion to eliminate host processing time.

Software and hardware triggers are generated directly by the user for precise synchronization with individual external events. An internal programmable timer provides self-triggering for scanning and precise interval timing without host intervention.

Features

- 16 differential or 32 single-ended inputs
- Throughput of 67KHz (15µS A/D conv.)
- 12-bit A/D resolution
- Three jumper-selectable input ranges
- Individual or sequential channel scanning
- Three trigger sources (software, external, internal timer)
- Four programmable gains: 1, 2, 4, 8

Model No.	Description	Price	Quantity
AVME9320	VME analog high-speed input board; 16 differential or 32 single ended DC voltage input channels; 12-bit A/D, 67KHz throughput, 12-bit D/A optional (not available for new designs).	$1,550.00	0
AVME9321	VME analog high-speed input board; 16 differential or 32 single ended DC voltage input channels; 2 DC voltage output channels; 12-bit A/D, 67KHz throughput, 12-bit D/A optional (not available for new designs).	$1,700.00	0
Accessories			
5025-275-x	50-pin sheilded cable (Specify length in feet, 12' max.)	$75.00	0
5025-552	Termination panel, DIN rail-mount, 50 screw terminals, ribbon cable connector.	$120.00	0
6925-16D	Termination panel, 19-inch rack mount, 16 filtered differential inputs	$225.00	0
9940-x	50 conductor cable, unshielded analog (specify length in feet, 12' max.)	$50.00	0
9941-x	50 conductor cable, shielded analog (specify length in feet, 12' max.)	$75.00	0

Add to Order

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