

Diamond Systems

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Diamond MM Family

Diamond Systems' extensive line of analog I/O modules makes it easy to find the perfect board to meet the varying analog I/O needs of PC/104 expandable systems. The Diamond MM product lineup ranges from 16 to 32 analog inputs (12-bit or 16-bit) and 2 to 4 12-bit analog outputs with sampling rates of either 100KHz or 250KHz and up to a 1K sample FIFO. Most models have autocalibration while the DMM-32X-AT has auto-autocalibration, ensuring high accuracy across the entire operating temperature range without user intervention. Each model has on-board counter/timers to control A/D sampling along with 16 or 24 digital I/O lines. These robust modules operate over the full industrial temperature range of -40°C to +85°C.



FEATURES

- › 16 to 32 12-bit or 16-bit analog inputs, 2 to 4 12-bit analog outputs, with programmable input ranges
- › 100KHz or 250KHz sample rate with up to 1K sample FIFO
- › 16 or 24 digital I/O lines
- › Available with autocalibration for high accuracy across the entire operating temperature range
- › Optional auto-autocalibration provides high accuracy across the temperature range without user intervention
- › Counter/timers for A/D control and general use

For more information, contact: info@diamondsystems.com

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