PMC66-16AO16C2MOD

16-Bit, 16-Channel, 500KSPS PMC Analog Output Board

With 2 Megasample Output Buffer and Outputs-Disconnect

--- In Development ---

Features Include:

- **Precision 16-Bit simultaneously-clocked analog outputs: R-2R DAC per channel**
- **Available with either *16 single-ended* outputs, or *16 balanced-differential* outputs**
- **Software-selectable ranges of ±10V, ±5V. Optionally 0 to +10V, or 0 to +5V.**
- **Output clocking rates from zero to 500K samples per second per channel.**
- **Optional Outputs-Disconnect feature supports multiple-board redundancy, and eliminates outputs activity during autocalibration**
- **Remote ground-sense input minimizes the effects of interground potentials**
- Supports both Block-mode and Demand-mode DMA transactions
- **2 Megasample output data FIFO buffer; Configurable as open or closed (circular)**
- Simultaneous output clocking
- Multiboard synchronization supported
- Continuous and Triggered-Burst output modes support seamless waveform sequencing
- Data clocking rate controlled internally or externally
- High accuracy ensured by on-demand Autocalibration of all channels
- Single-width PMC form factor

Applications Include:

- ✓ Precision Voltage Array
- ✓ High Density Outputs
- ✓ Servo Control
- ✓ Process Control
- ✓ Waveform Synthesis
- ✓ Industrial Robotics

PRELIMINARY

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