

### Features

- Standard single-width 32 bit PMC conforming to IEEE P1386.1
- PCI 2.1 compliant interface
- Card size: 149mm x 74mm
- 8 channels of isolated 16 bit analog outputs
- Settling time to 0.003% is 10µs typical
- Full-scale output range +/- 10V or 0-10V
- Factory calibrated, calibration information stored in EEPROM

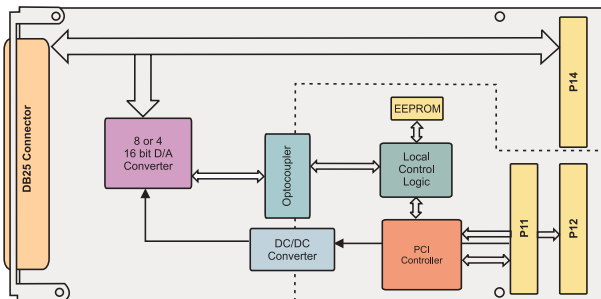


PMC-DA16-ETF

PMC-DA16 is a single width 32-bit PCI Mezzanine Card (PMC) providing 8 channels of isolated 16-bit analog outputs. Settling time to 0.003% is 10 µs typical on a PMC.

It supports immediate and simultaneous load. The sequencer allows periodically update of enabled channels and the sequence timer range extends from 100 µs to 6.5s.

The programmable output voltage range is +/- 10V or 0- 10V selectable by jumper. An on board DC/DC converter powers the isolated DAC and the output buffer. Each PMC-DA16 is factory calibrated. The calibration information is stored in the Identification-PROM unique to each PMC.



## *Specifications*

Form Factor	Standard PCI Mezzanine Card
Environmental	Operating temperature: -40°C to +85°C Humidity: 5% to 95% non-condensing Storage: -40°C to +125°C

## *Order Information*

PMC-DA16-ETF	8 channels of Isolated 16 bit D/A, front panel I/O
PMC-DA16-ETB	8 channels of Isolated 16 bit D/A, I/O via P14
TCD842551	Software support for VxWorks operating system
TCD882551	Software support for Linux operating system

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