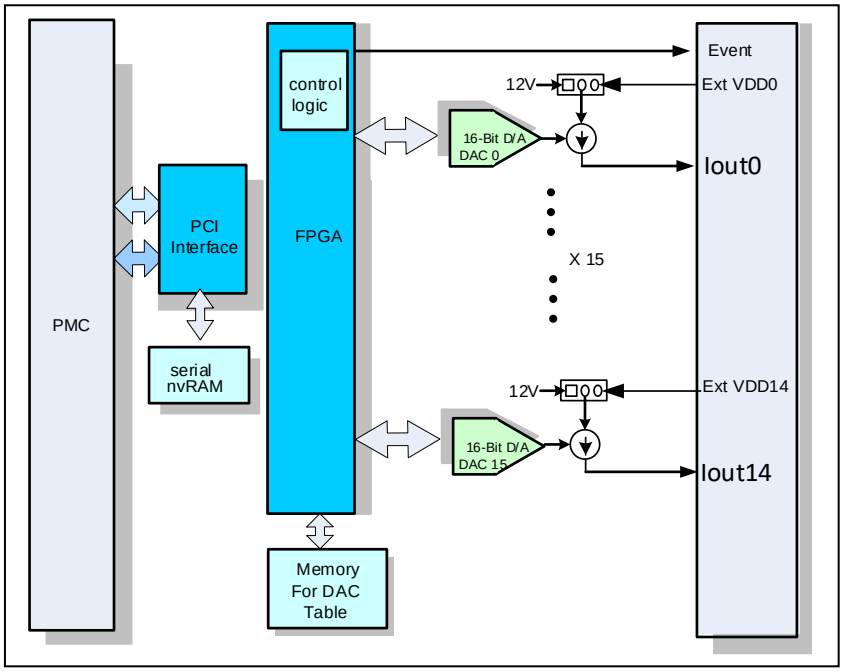
PMC-15DAC

PMC Module

15 channels D/A with Programable Current-Source-Output

Features

- Single PMC module
- Per-Channel Programmable Output Ranges: 300mA, 200mA, 100mA, 50mA, 25mA, 12.5mA,6.25mA and 3.125mA
- Full 16-Bit resolution on all ranges
- Guaranteed 1V dropout at 200mA.
- Per channel configurability
- Internal and External VDD Capabilities
- Load voltages of up to 32V External
- 64K DAC Buffers
- Two stage buffers
- Power-On-Reset to High Impedance state
- Integrated 1.25V Reference
- Front panel I/O accessible



Overview

The ***PMC-DAC15*** module offers a 15 -channels, current source output digital-to-analog converters (DACs) with selectable output ranges (300mA, 200mA, 100mA, 50mA, 25mA, 12.5mA,6.25mA and 3.125mA) , precision reference and a high-voltage multiplexer (MUX) for surveying the channel output voltages and currents. Each output draws its current from a separate dedicated positive supply pin that accepts voltages of 2.85V to 33V external or default of 12V Internal, allowing optimization of power dissipation and headroom for a wide range of loads.
Internal 12Ω switches allow any output pin to be connected to an optional negative V– supply voltage -12V and sink up to 80mA.

D/A
- 16 Bits D/A
- 6.1 us Settling Time, Full-Scale Step 3.125mA Range
- 4.5 us Settling Time, Full-Scale Step 200 mA Range

Available Software Drivers and Software Tools:

- C library dll's
- Linux drivers
- Window drivers
- LabView
- VxWorks drivers

Ordering Information	
PMC-DAC15	PMC, 15 Ch D/A, *Programable Current-Source-Output*, Commercial 0 – 70Deg C
PMC-DAC15-I	PMC, 15 Ch D/A, *Programable Current-Source-Output*, Industrial -40 to 85 C
	Optional Accessories
CBL-SCSI-50	50-pin Round cable only
TB-50-SCSI-50	50-pin SCSI-50 terminals block and 3 feet Round Cable

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