



Solutions for Automotive Electronics

More about DGE Inc.

At DGE, we provide innovative and cost-effective solutions to complex customer challenges. We specialize in electrical engineering design and consulting.

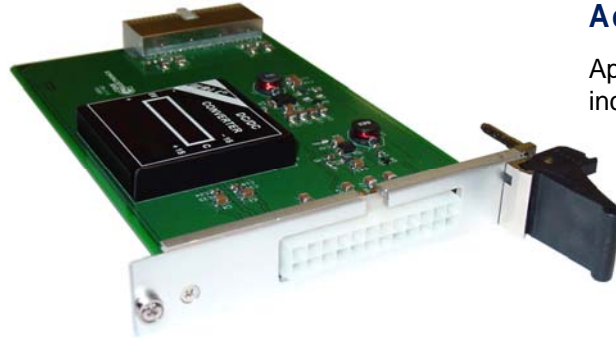
Our strengths:

- System Integration
- Embedded Software Development
- Electronics Hardware Design
- Vehicle Networking
- Custom Test Systems
- Verification and Validation
- Automotive OEM Specifications and Requirements

From designing electronics hardware and software to manufacturing custom modules and test equipment, DGE's team of engineers has the skills to deliver quality solutions.

PXI Power Board

Power peripheral circuitry via the PXI backplane.



Additional Details

Applications for the PXI Power Board include:

- Supply power for external test equipment.
- Power for interconnect boards for rack test systems.
- Power for devices under test and loads.

Product Description

DGE's PXI Power Board (part # 10001B) plugs into any National Instruments PXI chassis (NI models PX-1031, PXI-1036, PXI-1042, PXI-1044, PXI-1045, etc.) and provides power to run various equipment.

The PXI Power Board allows the powering of peripheral circuitry from the host PXI chassis. A variety of voltage outputs are provided, including some voltage outputs that do not exist natively on PXI backplane.

The specifications of the standard model are as follows:

Outputs:

- +5.0 Volts – from PXI backplane
- +3.3 Volts – from PXI backplane
- +12 Volts – from PXI backplane
- -12 Volts – from PXI backplane
- +20 Volts, 100ma
- +7.5 Volts, 1000ma
- Isolated +/- 12 Volts, 250ma

PXI power rail specifications determine the maximum current for the backplane power outputs. Example NI-1044 chassis limit for the 3.3 Volt supply is 32 amps.

Output connector is 24-pin Molex part number 39-29-1248. PXI Power Board harnesses are available from DGE.

Please contact us even if you need a voltage output not listed as DGE can build custom PXI power boards for diverse applications.



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