



Embedded Boards • Power Supplies • Instruments

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For Immediate Release

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Rugged, 3U cPCI, DC/DC Power Converter Meets Increasing Requirements of Efficiency, User Programmability and Hold-up Time

Industry's only Conduction-cooled, 150 Watt, 0.8" Pitch, 3U cPCI PSU Supports Inputs from +15Vdc to +50Vdc

Bohemia, NY, November 11, 2014-- North Atlantic Industries (NAI) announces the availability of its latest 3U, rugged cPCI power product — the [75PS4](#), ideally suited for harsh air, land and sea applications. This PICMG-compliant power supply provides up to 150 watts of power at up to 90% efficiency, has four outputs (+5V, +12V, -12V and +3.3V). +12V and -12V outputs are customer programmable from +8V to +15V and -8V to -15V, respectively. It meets MIL-STD-704A-F and MIL-STD-1275, including operation during (+6Vdc) Initial Engagement Surge.

Other Features include:

- Single slot 0.8" pitch, 3U package
- Reverse polarity protection
- Built-in Hold-up time up to 50 msec @ 150W
- Integrated MIL-STD-461 EMI filtering
- IPMB compatible
- User programming interface using supplied GUI via USB port on front

The [75PS4](#) is customer programmable for power sequencing, output voltage and current limits. In addition, continuous background Built-in-Test (BIT) and I²C communication are supported

“NAI offers the industry’s only 3U PSU with programmable outputs from -8V to -15V and from +8V to +15V, with built-in holdup, MIL-STD-704A-F, MIL-STD-1275 and CE102 EMC compliance,” says Lino Massafra, Vice President of Sales and Marketing. “Programmability allows customers to select a single product to meet a wide range of applications.”

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Basic pricing configuration starts at \$3,228ea. in quantities of 100.

NAI is a specialized provider of embedded electronics and computing for sense & response-intensive, Mil-Aero applications. We accelerate our clients' time-to-mission with a unique approach based on a [Custom-on-Standard Architecture™ \(COSA™\)](#) that delivers the best of both worlds: custom solutions from standard COTS components. For over 50 years, companies like Boeing, Northrop Grumman and Raytheon have leveraged our capabilities to meet the demanding requirements of a wide range of I/O- and communication-centric applications, with uncompromising quality, efficiency and responsiveness. Information about NAI and its products can be found at www.naii.com.



NAI-75PS4
150W DC/DC, 3U cPCI PSU with
Hold-up