



**Embedded Boards • Power Supplies • Instruments**

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**For Immediate Release**

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## ***North Atlantic Industries Announces High Power Density, VITA 62, 3U DC/DC VPX Power Supply***

*Conduction-cooled, 400 Watt, 1.0" Pitch 3U VPX PSU Supports High Voltage +270Vdc Inputs*

**Bohemia, NY, August 12, 2015** -- North Atlantic Industries (NAI) announces the availability of its latest 3U rugged VPX power product — the [VPX57-31](#). Ideally suited for rugged military and commercial aerospace applications, the VPX57-31 provides up to 400 watts of power (CC4 temperature range, full load) with six outputs and is compliant with MIL-STD-704F. Other features include current share, remote error sensing and a built-in EMI filter compliant with MIL-STD-461, CE-102 — all within a single slot 1.0" pitch, 3U package. The VPX57-31 is designed to meet standard 3U VPX mechanical requirements and has VITA 62 compatible outputs & signaling, user programmability, I<sup>2</sup>C communication and programmable Over-Temperature monitor.

“The VPX57-31 fulfills a unique requirement expressed by our customers by providing a high voltage (+270Vdc) DC Input within a VITA 62 compatible product while meeting stringent power requirements in a compact rugged COTS package,” said Lino Massafra VP Sales and Marketing. Many of today’s military systems rely heavily on high efficiency power supplies that can support OpenVPX requirements and withstand MIL-STD-704 low and high voltage transients. The [VPX57-31](#) is the latest in a complete line of NAI VPX power converters that support some of today’s most demanding system power requirements.”

Basic pricing configuration starts at \$2,888ea. in quantities of 100. Programmability, I<sup>2</sup>C communication, remote sense and current share are included.

*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](http://www.naii.com).*



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3U, DC/DC VPX Power Supply –  
NAI VPX57-31

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