



Embedded Boards • Power Supplies • Instruments

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For Immediate Release

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75 Watt VME DC/DC Converter Card Now Available

High Power-Density, Low Profile Unit Converts +5Vdc to +3.3Vdc

Bohemia NY -- North Atlantic Industries (NAI) has announced the availability of a high power-density, single card slot, VME64 DC/DC converter. The 58KS1 provides up to 75 Watts of output power at full load over its operating temperature range of -40°C to +70°C (measured at the wedgelocks). It operates from a +5.0Vdc input and provides a +3.3Vdc output. The 58KS1 plugs into a standard VME64 backplane. With its low noise output and rugged design, the 58KS1 is ideally suited for military and aerospace programs, including airborne, shipboard, ground mobile and C³I applications. The 58KS1 is designed and manufactured to NAVSO P3641 component derating guidelines and each unit receives ESS screening, including burn-in and temperature cycling. The unit is designed to meet the requirements of MIL-STD-461, when installed within the system.

Efficiency of the 58KS1 is 75% minimum. Noise and ripple is 33 mv p-p and output load transient recovery is 0.5 milliseconds. The unit includes numerous fault protection features, including continuous short circuit protection (with automatic recovery), output current limiting, and output overvoltage protection. Voltage input and voltage output status signals and indicators are provided.

Pricing for 100 pieces of the 58KS1 starts at \$1754 each. Delivery of the 58KS1 starts at 8 to 12 weeks ARO.

"The 58KS1 gives our customers a low profile VME DC/DC converter in a compact, rugged package," said Mike Oliveri, VP of Sales and Marketing at NAI. "They particularly like its compact design and fault protection features."

North Atlantic Industries

Founded in 1955, North Atlantic Industries (NAI), an ISO 9001:2000 certified enterprise, designs and manufactures Embedded I/O (Input/Output) Boards, Power Supplies, and Motion Simulation and Measurement Instruments for the Defense and Aerospace Industries. It provides the highest quality COTS (Commercial Off-the-Shelf) and Custom products in Commercial, Extended Temperature and Full-Military versions. NAI is focused on delivering innovation, quality, and superior value for its customers. Additional information about NAI and its products can be found at the company's Web site at <http://www.naii.com>.

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