



Embedded Boards • Power Supplies • Instruments

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For Immediate Release

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Multi-Function, Single Slot, VME Communications Card Now Available

***MIL-STD-1553, RS-232C, RS-422, RS-485, Profibus, Discrete I/O, and TTL I/O
Functions are Available***

Bohemia NY -- North Atlantic Industries (NAI) has announced the availability of a multi-function, single slot, VME Communications Card. This universal and highly flexible card eliminates the complexity and size constraints of using multiple, independent, single-function communication cards. The 64D1 VME card accommodates 3 independent function modules, each of which can include: 2 channels of Dual Redundant MIL-STD-1553 BC/RT/MT (6-chan total/card), 6 channels of Synchronous or Asynchronous RS-232C/RS-422/RS-485 (18-chan total/card), 8 channels of Profibus (24-chan total/card), 48 channels of Discrete I/O or 48 channels of TTL I/O (144-chan total/card). The interchangeable multi-function modular design of the 64D1 provides extensive diagnostics and is available in both commercial temperature range and severe environment, industrial temperature range.

For increased flexibility, each of the functions of the 64D1 is highly programmable at the channel level. Continuous background (BIT) testing is performed on all functions and channels. This testing is totally transparent to the user, requires no programming, and doesn't interfere with the normal operation of the card. The 64D1 is ideally suited for military and commercial programs, including airborne, shipboard, ground mobile and C⁴I applications. Its interchangeable modules improve the overall system with increased functional density, reduced power consumption, size and cost.

The 64D1 is available with operating temperature ranges of -40°C to +85°C and 0°C to +70°C. Conduction cooled versions with wedgelocks are also available. Pricing starts at \$2,500 each, for 100 piece quantities. Delivery is 6 to 8 weeks ARO.

"The 64D1 provides our customers with a flexible, multi-function, single-slot, VME communications card that reduces size, weight, power and cost," said Mike Oliveri, VP of Sales and Marketing at NAI. "They particularly like the wide range of commonly used communications functions that are available and the automatic background self-test."

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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Photo Attached

March 2006



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