For Immediate Release

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6-Module, Multi-Function, Compact PCI Card Now Available

A/D, D/A, Discrete I/O, TTL I/O, RTD, Synchro/Resolver, LVDT/RVDT Functions Available

Bohemia NY -- North Atlantic Industries (NAI) has announced the availability of a 6-module, multi-function, single slot, compact PCI (cPCI) card. This universal card eliminates the complexity and size constraints of using multiple, independent, single-function cards.   The 78C1 cPCI card can include the functions of A/D (10-channels), D/A (10-channels), Discrete I/O (16-channels), TTL I/O (16-channels), RTD (6-channels), Synchro/Resolver (4-channels), LVDT/RVDT (4-channels), and Signal Generator (4-channels). The interchangeable multi-function design of the 78C1 provides extensive diagnostics and is available in both commercial temperature range and severe environment, military temperature range. At present, the library of module types and functions consist of over (17) modules and is growing!

For increased flexibility, each of the functions of the 78C1 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 78C1 is ideally suited for military and commercial programs, including airborne, shipboard, ground mobile and C^3I applications. Its interchangeable modules increase functional density, and reduce power consumption, size, and cost of the overall system.

The 78C1 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 is contingent upon the type of modules selected. Consult factory for price. Delivery is 10 to 12 weeks ARO.

"The 78C1 provides our customers with a flexible, multi-function, single-slot, cPCI card that reduces size, complexity and cost," said Frank Riccobono, Director of Sales and Marketing at NAI. "They particularly like the wide range of commonly used functions that are available."

North Atlantic Industries

Founded in 1955, North Atlantic Industries (NAI) 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   November 2004