



Embedded Boards • Power Supplies • Instruments

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For Immediate Release

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Multifunction PCI Card offers Synchro/Resolver/LVDT/RVDT Simulation and Measurement, with I/O and Communication functions

Bohemia NY – North Atlantic Industries (NAI) is introducing a Multifunction PCI card for applications requiring Digital-to-Synchro/Resolver (D/S) and Digital-to-LVDT/RVDT (DLV) Simulation and Measurement, as well as I/O and Communication functions. The [76CS3](#) is a single slot card which can be configured for six separate D/S channels at 1.5/2.2 VA, three separate D/S channels at 3.0VA, or D/S in combination with A/D, D/A, Discrete I/O, TTL I/O, RTD, LVDT/RVDT, S/D or R/D. In addition, the 76CS3 offers communication modules such as RS232/422/485, MIL-STD-1553, CANBus and ARINC429. This unique design eliminates the need for specialized, single function cards by providing a broad assortment of functions on one single card that can be controlled via the PCI bus.

Each of the functions of the 76CS3 Multifunction PCI card is highly programmable at the channel level. Automatic background BIT testing is always enabled and continuously checks the health of each channel. This testing is completely transparent to the user, requires no programming, and does not interfere with the normal operation of the card. The 76CS3 is ideally suited for Automatic Test Equipment (ATE) used in the Aerospace, Defense, Industrial and Automotive industries.

The 76CS3 is available with operating temperature ranges of 0°C to +70°C and -40°C to +85°C. Pricing for 100 pieces starts at \$3049 each. Delivery starts at 10 to 12 weeks ARO.

"The 76CS3 provides our customers with a multifunction, single-slot PCI card that allows for simulation and measurement of Synchro, Resolver, LVDT and RVDT signals. Additionally, it allows for the flexibility to mix-and-match from NAI's extensive library of I/O and Communication functions to supply a card ideally suited to our customer's specific application requirements." said Lino Massafra, VP of Sales and Marketing at NAI. "The 76CS3 is typically used in test equipment for demanding applications, and the high accuracy [1 arc-minute] of the 76CS3 makes this card the perfect solution."

North Atlantic Industries

North Atlantic Industries (NAI) is a leading independent supplier of Embedded I/O Boards, Power Supplies, Motion Simulation and Measurement Instruments for the Military, Aerospace and Industrial Industries. NAI provides the highest quality COTS and Custom products in Commercial, Extended Temperature and Rugged versions. Information about NAI and its products can be found at www.naii.com.

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Photo Attached

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