For Immediate Release
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NAI Announces Single-Slot, Half-Size, PCle I/O & Communication Board

New PCle 79G5 board built with adaptable COSA® architecture that supports multiple function modules

Bohemia NY – April 2017 -- North Atlantic Industries, Inc. (NAI) has launched a new generation of single-slot, half-size, PCle boards that can be configured with up to three intelligent I/O and communication function modules. The 79G5 PCle multifunction I/O and communication board is ideally suited for a wide range of commercial applications with high-density I/O requirements. This includes digital and analog I/O, position control and measurement/simulation and communication interface applications.

The off-the-shelf solution is built on NAI's Custom-On-Standard-Architecture™ (COSA®), which supports more than 40 different intelligent I/O, communication, measurement and simulation functions. These preexisting, fully-tested functions can be combined quickly and easily in an unlimited number of ways. Each I/O function has dedicated processing, unburdening the system processor from unnecessary data management overhead.

"The NAI Custom-On-Standard-Architecture (COSA) delivers the highest packaging density and greatest flexibility of any multifunction I/O board in the industry," states Lino Massafra, Vice President of Sales and Marketing at NAI.
"As a result, the 79G5 PCle multifunction I/O and communication board meets the needs of commercial, military and aerospace applications that require measurements, simulation and communications."

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The 79G5 has been designed for environments with operating temperature ranges of 0° to 70° C. Background Built-in-Test (BIT) continually checks and reports on the health of each channel.

NAI is a specialized provider of embedded electronics and computing for sense & response-intensive, military and aerospace applications. We accelerate our clients' time-to-mission with a unique approach based on our 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, and do so with uncompromising quality, efficiency and responsiveness. Information about NAI and its products can be found at www.naii.com.

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