MIL-STD-1553 and CANBus Functions Now Available for NAI Multi-Function Boards

Maintaining its market lead in Multifunction I/O and Communications, North Atlantic Industries announces support for a dual-channel dual-redundant MIL-STD-1553 (N7/N8) and 4 channel Controller Area Network (P8) communications interface. NAI's support of these new communications functions adds to an extensive list of mix and match discrete, A/D, D/A, RTD, Synchro/Resolver, LVDT, serial, and ARINC 429 functions available in VPX, VME, 3U/6U cPCI, or PCI form factors.

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State-of-the-Art Power Monitor creates new opportunities for the use of power monitor technology in modern Military and Aerospace systems

The iPM, Intelligent Power Monitor, utilizes the latest DSP-based design to provide a state-of-the-art monitoring device for the Aerospace and Military Industries. This programmable, micro-controller based monitor is capable of monitoring AC input voltage sources, providing system protection by triggering alarms or relays and supporting prognostics capability by warning of anomalies prior to shutdown. All of this capability is provided within a single compact package. In addition, the iPM provides an RS-485 serial interface, allowing for real-time data assessment, data recording and field programmability.

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VME and **Critical Systems**
EDITOR'S CHOICE PRODUCTS

Integrated BIST simplifies system design

Awareness of different types of subsystem-level Built-In Self Test (BIST) can simplify the system-level design process in mission-critical applications where system reliability is paramount, and "failure is not an option." Key BIST benefits include the ability to meet Size, Weight, and Power (SWaP) requirements while increasing Mean Time Between Failure (MTBF) and reducing hardware and software overhead.

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North Atlantic Industries certified to ISO 9001:2008 & AS9100:2004

North Atlantic Industries has been certified by Det Norske Veritas (DNV) to be compliant to ISO 9001:2008 and AS9100:2004 for its Embedded Boards, Military Power Products, Motion Simulation and Measurement Instruments. AS9100:2004 is the standard for quality management system requirements for the Aerospace industry, from production to distribution. AS9100 compliance continues to demonstrate North Atlantic Industries' commitment to meet the highest reliability requirements. As a result, AS9100 provides NAI with a comprehensive quality system which continually improves quality and safety, while reducing costs.

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DNV
AS9100:2004 / ISO 9001:2008