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Astronics Test Systems Introduces a New Frequency Time Interval Counter

New counter offered in collaboration with National Instruments provides extreme precise measurement and high resolution

EAST AURORA, N.Y., July 14, 2016 (GLOBE NEWSWIRE) -- Astronics Test Systems, a wholly owned subsidiary of Astronics Corporation (NASDAQ:ATRO), today announced the availability of a new Frequency Time Interval Counter (FTIC) in collaboration with National Instruments Corporation (NASDAQ:NATI) ("NI"). The new Astronics PXIe-2461 is a high-performance, two channel, universal 235 MHz frequency interval counter. It is the first product developed from Astronics' collaboration with NI, announced in November 2015, to revitalize legacy aerospace and defense test systems.



Astronics Test Systems' new Frequency Time Interval Counter delivers extreme precision performance.

A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/5e3ae336-2938-454d-91ce-eb4435d938cf>

"We are kicking off our collaboration with NI with an FTIC that offers excellent measurement precision in a smaller form-factor vs. traditional one-size-fits-all digitizers, which are commonly used to record frequency, time, and interval measurements," commented Steve Fairbanks,

Sr. Director of Products and Instruments for Astronics Test Systems. "We look forward to further leveraging the combination of Astronics' strength in test system integration and NI's leadership in PXI-based technology to produce a best-in-class portfolio for automated test

equipment applications.”

A Precise Solution

The new FTIC is well-suited for use in military or commercial applications. Designed for full test program sets (TPS) compatibility, the instrument can replace existing VXI-based FTICs and deliver the same capability in a newer PXI-based subsystem. With outstanding resolution of up to nine digits per second, the resolution can be 1 ns in single-shot mode and 100 ps in average mode. The unit operates in two voltage modes: ± 5.1 V or ± 42 V. The programmable measurement timeout ensures that system performance is optimized where input signals are missing.

Occupying a single PXI Express peripheral slot or hybrid slot, the FTIC offers many easy-to-use automatic measurement functions including:

- Frequency and period
- Time interval
- Time interval (delayed)
- Rise and fall time
- Pulse width
- Duty cycle
- Frequency ratio (channels 1:2 or 2:1)
- Totalize (manual, by pulse, by cycle and timed)
- Phase

Units are in production and available through the NI sales channel starting at \$4,499*. For more information, including a datasheet, visit AstronicsTestSystems.com.

**All prices are subject to change without notice.*

About Astronics Corporation

Astronics Corporation (NASDAQ:ATRO) is a leading supplier of products to the global aerospace, defense, electronics and semiconductor industries. Its wholly-owned subsidiary, Astronics Test Systems, delivers more than 50 years of test and measurement experience, offered through a wide range of products and capabilities that include automatic test equipment (ATE), integrated test systems, instrumentation, software, and custom engineering solutions. Astronics Test Systems solutions are implemented on a global scale, testing billions of devices to date to ensure reliable operation of everything from the aircraft you fly to the mobile device in your pocket.

For more information on Astronics Corporation and Astronics Test Systems, visit its websites at www.astronics.com and www.AstronicsTestSystems.com.

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Source: Astronics Corporation