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Sensoray Introduces PCI Express Analog and Digital I/O, with Multistage Watchdog Timer

Ideally suited for a wide range of measurement and control applications

Tigard, OR – Sensoray is proud to announce the newest member of their extensive line of OEM data acquisition cards with the release of the **Model 826, a PCI Express Analog and Digital I/O board with multistage watchdog timer.**

Featuring
6 encoder/timer/counter interfaces, 16 differential analog inputs (16-bit, 300 kS/s), 8 analog outputs (16-bit, 900 kS/s), 48 bi-directional digital I/Os with edge capture, 3-stage watchdog timer and output fail-safe controller.

Its six 32-bit counters can operate as conventional timer/counters or in any of several special modes, directly supporting incremental quadrature encoders, PWM and pulse generation, frequency measurement, period measurement and pulse width measurement.

The board's watchdog timer and fail-safe controller work together to automatically assert fail-safe output levels in response to faults or external triggers. This makes the Model 826 well-suited for a wide range of measurement and control applications, including those requiring fail-safe operation and automated error recovery such as beverage and food processing, amusement park rides and laser cutting systems.

Sensoray provides a Windows/Linux compatible software development kit (SDK) for the Model 826 to accelerate program development. The SDK includes a comprehensive API that supports both polled and high-performance, event-driven operation, along with sample application programs.

For more information go to www.sensoray.com/826

ABOUT Sensoray
Sensoray is an industry-leading designer and manufacturer of OEM electronics for video imaging, data acquisition and machine control. The company is committed to technical excellence and design innovation. Founded in 1982, Sensoray offers customers practical, reliable solutions alongside outstanding live technical support and service. Sensoray provides tools to aid rapid development and ensure customer success. For more information, or to speak to an engineer regarding a custom design, visit www.sensoray.com or email support@sensoray.com.

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