USB DAQ module family expands to feature more flexible and practical digital I/O functionality

ADLINK Technology announces its new USB-7230 and USB-7250 isolated USB digital I/O modules, enriching its USB form factor DAQ/DIO product line. Suitable for I/O expansion or portable applications, both models present an alternative evolution base to ADLINK’s best-selling PCI/LPCIe-7230/7250. The enhanced integration of a high-speed frequency/event counter, digital filter, and change of state (COS) detection in a single USB module supports the flexibility and reliability requirements of high voltage control and monitoring applications.

Easy and reliable

The USB-7230 provides 32-CH isolated digital I/O and 2-CH frequency/event counters, while the USB-7250 provides 8-CH solid-state relay output (4 form C and 4 form A), 8-CH isolated DI, and 2-CH frequency/event counters. Featuring high voltage on/off control and monitoring and isolation voltage support up to 2500 VRMS, integrated frequency/event counting and COS detection by the built-in complex programmable logic device (CPLD) occupy no CPU resources, while at the same time avoid data loss from changes in signal status. In addition, a programmable digital filter removes unexpected glitches from input channels to monitor I/O status more efficiently.

All of ADLINK's USB DAQ modules feature USB power, removable screw-down terminals for simplified connection, and a multi-functional stand for fast and easy desktop-, rail- or wall-mounting. Additionally, a lockable USB cable secures

connectivity. The USB DAQ modules also simplify device ID setting with a rotary control conveniently identifying the active module in multiple-connection configurations.

Worry-free configuration
ADLINK's included U-Test application is a free, ready-to-use testing program delivering easy, out-of-the-box configuration and generation of simple functions to get the platform up and running in no time, with no programming required for full data monitoring, logging, and FFT analysis. As with all ADLINK USB digital I/O devices, the USB-7230 and USB-7250 are compatible with LabVIEW, MATLAB, Microsoft Visual Studio, and Visual Studio.NET.

For more information about the ADLINK USB-7230 and USB-7250 isolated USB digital I/O modules, please visit http://www.adlinktech.com/DAQ/USBDAQ.php [1].

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Links:
[1] http://www.adlinktech.com/DAQ/USBDAQ.php