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Blackhawk delivers first bus-powered XDS560v2 for Texas Instruments' multicore DSPs

Mount Laurel, N.J. (November 8, 2010) – Blackhawk™, a leader in the design of digital signal processor (DSP) hardware and software development tools for Texas Instruments' Incorporated digital signal processors (DSPs), today announced availability of its bus-powered XDS560v2 System Trace Emulator for TI's TMS320C64x™ multicore DSPs. The emulator (BH560v2) is based on the system trace reference design (XDS560v2) from TI and is the next-generation of the high-performance XDS560-class technology first made available by Blackhawk with the USB560/LAN560 and XDS560 Trace.

The new emulator shares some features of other 560-class emulators from Blackhawk. Most notable is the bus-powered capability, which means the emulator needs no external power source when used as a USB device. The Blackhawk XDS560v2-BP can also be connected to a LAN via an integrated Ethernet port. In addition to traditional JTAG (IEEE 1149.1), the XDS560v2 adds support for IEEE 1149.7 (previously known as cJTAG) and system trace (STM), an interface on the TI heterogeneous multicore devices.

"My company is a well-established embedded tools supplier servicing North America", said Peter Tympanick, President of Ultimate Solutions, Inc. "Blackhawk has consistently brought to market high performance and feature enriched JTAG emulators enabling USI to maintain its leadership role as a supplier of professional grade development tools." He goes on to say, "Blackhawk's line of tools to support the Texas Instruments DSPs allows us to reach customers that require DSP technology in lieu of or in addition to general purpose 32-bit RISC architectures."

Brian Nix, President of EWA Technologies, the parent company of Blackhawk, stated "From the start, our bus-powered XDS560v2 was designed to be in a class by itself, as our products have been since our introduction of the first bus-powered XDS560. We always work to significantly differentiate our products from those of other developers - to provide capability not available in other products."

The Blackhawk XDS560v2 System Trace is also available in an Ethernet-powered model which uses an IEEE 802.11af compliant Power over Ethernet (PoE) switch or injector. This model provides the ability to connect through the network when the USB ports are not available and a stand-alone configuration is required.

The Blackhawk emulator product line covers a wide spectrum of capabilities and features, from a very low cost controller, which sells for $99, all the way up to the XDS560v2 System Trace. A full list can be found on the company's website.

Blackhawk JTAG Emulators and other development tools are available for immediate delivery in the U.S. and Canada through Corelis, based in Ceritos, CA and Ultimate Solutions (USI), based in Tewksbury, Mass., and also a global network of industry resellers. Please visit www.blackhawk-dsp.com/resellers.aspx for a complete list.

About Texas Instruments Third Party Program

Blackhawk™ is a member of the TI Developer Network, a community of respected, well-established companies offering products and services based on TI analog and digital technology. The Network provides a broad range of end-equipment solutions, embedded software, engineering services and development tools that help customers accelerate innovation to make the world smarter, healthier, safer, greener and more fun. www.ti.com/dspdevnetwork

About Blackhawk

Blackhawk™, a division of EWA Technologies, Inc., of Herndon, Virginia, provides hardware and software for the rapid development of DSP-based applications for a wide variety of vertical markets. Blackhawk™ is a TI DSP total solutions provider for development hardware, advanced JTAG emulators, Real-Time Operating Systems, design services and consulting. For more information on Blackhawk, please visit http://www.blackhawk-dsp.com

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