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CONTACT:

Blackhawk
123 Gaither Drive
Mount Laurel, NJ 08054
(856) 234-2629
www.blackhawk-dsp.com
E-mail: sales@blackhawk-dsp.com

First Fully-Integrated <u>Wireless</u> Blackhawk^{TM} JTAG Emulator supports TI's Code Composer Studio^{TM} IDE v5.1

Mount Laurel, N.J. (November 8, 2011) – Blackhawk™, a leader in the design of digital signal processor (DSP) hardware and software development tools, today announced the first fully-integrated wireless JTAG emulator (USB510W) for Code Composer Studio™ integrated development environment (IDE) version 5.1 from Texas Instruments Incorporated (TI).

The USB510W has an embedded 802.11 b/g/n wireless transceiver so that it requires no physical connection to a computer in order to debug using Code Composer Studio IDE. The primary benefit of this capability is to completely isolate the debug, test and development computer from the target system. This will protect the developer from harsh environments and the development computer from damaging ground loop voltages, such as those found in high-voltage motor control applications.

"This is needed functionality for customers who are debugging any line-connected equipment where voltage isolation is required, including electric motor drives," said Chris Clearman, worldwide marketing manager, Motor Control Solutions, TI. "This means the debug engineer does not have to be tethered to the target, or even in the same room."

The integrated wireless feature of the USB510W is capable of supporting the following wireless protocols and speeds: 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5 & 65 Mbps; 802.11ag: 6, 9, 12, 18, 24, 36, 48, & 54 Mbps, and 802.11b: 1, 2, 5.5 & 11 Mbps.

The USB510W software is fully integrated with Code Composer Studio IDE and offers a high-speed USB 2.0 host connection that can be used for wireless configuration and emulation debug. Other features include a 20-pin cTI JTAG cable connection, pin converters for other target headers, operational LEDs for the USB and wireless interfaces, auto-ranging TCK up to 50 MHz and target I/O support from 1.8 to 5.0 volts.

The USB510W supports TI's embedded fixed- and floating-point processors, including Stellaris® ARM® Cortex™-M microcontrollers (MCUs), Sitara™ ARM9™ and ARM Cortex-A8 microprocessors, DaVinci™ digital media processors, OMAP™ mobile applications processors, C6000™ and C5000™ DSPs and real-time control C2000™ MCUs.

Blackhawk JTAG Emulators and other development tools are available for immediate delivery in the U.S. and Canada through Corelis in Ceritos, CA and Ultimate Solutions (USI), based in Tewksbury, Mass., and 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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