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Blackhawk™ redefines low-cost JTAG emulation with \$99 entry-level controller

Mount Laurel, N.J. (July 27, 2009) – Blackhawk™, a leading maker of digital signal processor (DSP) hardware and software development tools, today announced a new low-cost entry level JTAG controller for use with Texas Instruments Incorporated's (TI) DSPs and microcontrollers (MCUs) and Code Composer Studio™ (CCStudio) integrated development environment (IDE). The USB100, and XDS100-class controller, is compatible with several of TI's processors including the 32-bit TMS320C28x™ MCUs as well as the TMS320C54x™, TMS320C55x™ and TMS320C674x DSPs.

The USB100 is the first XDS100-class emulator to offer a high-speed (480Mb/s) USB host interface supplying the user with more than five times the performance boost during debug operations compared to full-speed products. Additional features include 1.8/3.3 volt device I/O support, dual target connections (standard 2x7 TI and 2x10 cTI JTAG headers) and CCStudio v3.3 and v4 support.

Designed to be a low-cost alternative to the more expensive XDS510-class emulators, Blackhawk's implementation of the TI XDS100-class with the USB100 exceeds the features and performance of other similarly priced products. The Blackhawk USB100 has two big advantages in that it uses a high-speed USB2.0 port and includes both 14-pin and 20-pin JTAG header connections. This means that the USB100 will out-perform the slower USB 1.x devices and also eliminates the need to buy an adapter to interface to 20-pin cTI (compact TI) target hardware.

"Blackhawk consistently delivers high-quality and low-cost solutions that enable our customers to easily take advantage of the flexibility and performance of TI embedded processors," said Stephen Lau, emulation product manager, TI. "Now developers will be able to reduce their development tool investments enabling them to cost-justify new projects."

About Blackhawk

Blackhawk™, is a brand of EWA Technologies, Inc., of Herndon, Virginia, that designs and builds hardware and software for the rapid development of DSP-based applications for a wide variety of vertical markets. Blackhawk™ is a TI DSP Third Party member and the first to develop a USB-based JTAG emulator for TI DSPs. For more information on Blackhawk, please visit <http://www.blackhawk-dsp.com>

All Blackhawk emulators are available in the US & Canada through Ultimate Solutions (USI), based in Tewksbury, Mass.

About Ultimate Solutions, Inc.

Ultimate Solutions, based in Tewksbury, Mass., specializes in distributing professional tools to embedded developers. "Blackhawk's line of JTAG emulators have proven to be rock solid products, and the USB560BP is no exception" said USI's Vice President of Sales, Peter Tympanick, "This next generation bus-powered product is an improvement on an already high quality product and offers the portability needed by engineers today.", Peter added.

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For more information, Contact:

Susan Thomas
Ultimate Solutions, Inc.
Phone (Toll Free): 866-455-3383 x201
Fax: 978-926-3091
Email: sthomas@ultsol.com



Ultimate Solutions, Inc.

10 Clever Lane, Tewksbury, MA 01876
Phone: 978-455-3383
Toll Free 866-455-3383 Fax: 978-926-3091
<http://www.ultsol.com>

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