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Blackhawk™ Delivers Next Generation USB560 JTAG Emulator for Texas Instruments DSPs

Mount Laurel, N.J. (July 22, 2004) – Blackhawk™, a leader in the design of digital signal processor (DSP) hardware and software development tools, today announced delivery of a newly-designed and improved version of its widely used USB560 JTAG Emulator.

The new USB560 is less than half the size of the previous model, making it completely portable and easier to pack with a laptop computer. The compact and lightweight unit features a variable TCK (timing clock) running up to 35 MHz and includes a flexible 5-½ foot multi-voltage cable/pod assembly. A power LED has also been added to show operational status. The USB560 (US\$3,995.00 list) employs a USB 2.0-compliant controller, which achieves data transfer rates up to 480 megabits per second (Mbps) for increased speed and faster code download performance, which is becoming increasingly important in applications such as video and imaging that have large code sizes.

As a member of the Blackhawk XDS560™-class emulator family, the USB560 supports the latest generation of emulation technology from Texas Instruments, including high-speed RTDX™ data link at over 2 Mbytes per second. The USB560 can also interface to XDS510™-class drivers, extending compatibility to more TI DSP devices and Code Composer Studio™ (CCStudio) Integrated Development Environment versions than any other XDS560™-class emulator, resulting in the most cost effective emulator solution available today.

“We took the best and most cost-effective JTAG emulator and made it better,” said Brian Nix, president, EWA Technologies, Inc., the parent company of Blackhawk. “Our commitment is to design and build the best-in-class tools for DSP developers and our design team has produced another winner.”

“The Blackhawk USB560 delivers excellent results,” said Doug Deao, TI’s Senior Emulation Engineer, “My tests showed upload performance reaching three megabytes per second. The capabilities of this emulator provide a great fit with our roadmap for the foreseeable future.”

The Blackhawk USB560 JTAG emulator supports the TI TMS320™, TMS470™ (ARM) and OMAP™ families. Legacy support for Code Composer v4.1x and CC Studio v1.2 gives users access and compatibility to VC33, C20x and C24x DSPs. The USB560 JTAG Emulator is also compatible with the Code Composer Studio flash-burner utility.

All Blackhawk emulators are available in the US & Canada exclusively through Ultimate Solutions (USI), based in Tewksbury, Mass. They are available in other countries through a worldwide network of industry resellers. Please visit www.blackhawk-dsp.com/reseller.asp for a complete list.

About Texas Instruments' Third Party Program

Blackhawk™ is a member of Texas Instruments' Third Party Program. The Third Party Program offers the most extensive collection of DSP development support in the industry. More than 650 independent companies and consultants provide products including development boards, operating systems, software algorithms, function libraries and systems consulting services around the world. For more information on the TI Third Party Program, please visit www.ti.com/3p

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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