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CONTACT:

Blackhawk
123 Gaither Drive
Mount Laurel, NJ 08054
(877) 983-4514
www.blackhawk-dsp.com
E-mail: sales@blackhawk-dsp.com

New $299 Blackhawk™ Controller for TI C2000 Digital Signal Controllers Provides Cost-Effective Solution for Developers

Mount Laurel, N.J. (January 21, 2008) – Blackhawk™, a leading maker of digital signal processor (DSP) hardware and software development tools, today unveiled the USB2000 Controller for Texas Instruments' (TI) TMS320C2000™ digital signal controllers (DSC). The new model is based on Blackhawk's proprietary design and will be available from a worldwide network of industry resellers. Target applications for the USB2000 include automotive, digital motor control, digital power supply, consumer products, medical and industrial controls.

The new USB2000 Controller model (BH-USB-2000) is built upon the advanced technology of the highly-popular USB510, and its predecessor USB2, first introduced by Blackhawk in 2001. This 3rd Generation controller achieves the cost/performance balance required by the C2000 development community.

Features of the USB2000 Controller include, but are not limited to; a Plug n' Play USB host interface, 3.3 to 5.0v device support, bi-color status LED and optional on-chip flash memory burner utility available for free download. Connection to the target board is via a standard 14-pin 2x7 header and is compatible with most TI and third party development platforms. Blackhawk will provide drivers with the USB2000 for TI's Code Composer Studio™ integrated development environment version 3.3. Driver updates for all Blackhawk products are provided free-of-charge from the company's website.

The controller pod shares the same physical dimensions as its cousin, the USB510, and is very small and lightweight, requiring no external power except for a USB connection. Blackhawk pioneered the USB JTAG emulator for TI DSCs and the USB2000 continues this leadership with the performance, speed, portability and quality with which the Blackhawk name has become synonymous.

"With the new USB2000, Blackhawk continues to provide high-quality products for DSC developers," said Andrew Soukup, C2000 WW marketing and applications manager for TI. "One big advantage we see is that this tool is priced in line with the low-cost, high-performance C2000 devices, giving customers a cost-effective solution that can simplify and speed development."

The Blackhawk USB2000 supports all C2000 controller families, which include the F283x, F281x, F280x, and F280xx 32-bit DSCs and the LF240x 16-bit controllers. It is compatible with the TI Code Composer Studio (CCStudio) integrated development environment (IDE), v3.3 and later. An optional Isolation Adapter is also available which provides protection from ground loop voltage, harsh environments and new, untested designs.

Pricing and Availability

The Blackhawk USB2000 Controller is available for immediate delivery, at a SRP of $299. All Blackhawk Emulators are available in the US & Canada through Corelis Ceritos, CA and Ultimate Solutions (USI), based in Tewksbury, Mass., and a worldwide network of industry resellers. Please visit http://www.blackhawk-dsp.com/resellers.aspx for a complete list.

About Texas Instruments Third Party Program

Blackhawk is a member of the TI DSP Third Party Network, a worldwide organization of independent companies that offer products and services supporting TI DSPs. TI third parties provide expertise across a variety of applications, including audio, control, telecom, video and imaging and wireless communications. Third party products and services include a broad range of application software, development hardware and software, and consulting services that support original equipment manufacturers' efforts to bring differentiated products to the market quickly. For more information about the TI DSP Third Party Network, please visit http://www.ti.com/3p.

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

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