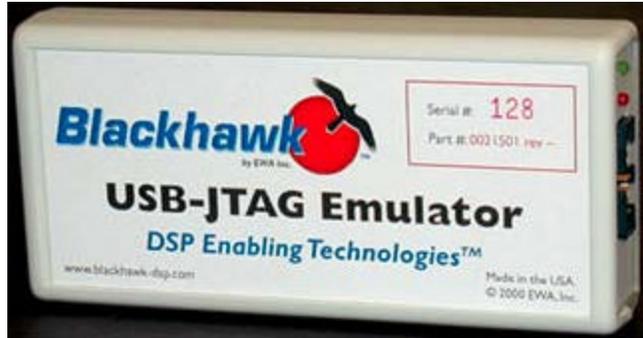


## The Blackhawk™ USB-JTAG Emulator is Now Shipping for the Texas Instruments TMS320Ĉ Family of Digital Signal Processors

MARLTON, N.J. (March 15, 2001)

– Enabling developers to link a USB-enabled Windows-based PC to a target DSP system, EWA, a leader in the development of Digital Signal



Processing (DSP) Enabling Technologies™, today announced availability of the Blackhawk™ USB-JTAG Emulator . The Blackhawk™ USB-JTAG Emulator is fully compatible with the Texas Instruments (TI) TMS320™ family of DSPs as well as TI's Code Composer Studio™ integrated development environment (IDE).

The Blackhawk™ USB-JTAG Emulator is a very-small footprint (5.5" x 2.6" x 1.1") device that allows a developer to link a USB-enabled Windows-based PC or laptop computer to a target DSP system via the target DSP system's JTAG interface connector. The developer can then use in-system scan-based emulation to perform system-level integration and debug. The target DSP can then be accessed, programmed and tested by making use of TI Code Composer Studio IDE running on the developer's host PC. The Blackhawk™ USB-JTAG Emulator provides a fast, flexible, simple connection, with no boards to install, and no jumpers to set. The drivers supplied with the emulator support Windows 98/2000 and Code Composer Studio, for both the TMS320C5000™ and TMS320C6000™ DSP platforms , an important added-value benefit.

“In addition to being compact, the Blackhawk™ USB-JTAG Emulator is a USB bus-powered peripheral that requires no external power, which allows it to be used just

about anywhere,” said Bill Novak, Emulation Manager, TI . “With this new emulator, developers can now take advantage of the quick system-level integration and debug possible with Code Composer Studio in a convenient and flexible USB package.”

Today's DSP development takes full advantage of current technologies, such as IDEs, optimizing compilers for high-level languages, graphical user interfaces (GUI), debuggers and JTAG (IEEE 1149.1) emulators. A developer can take full advantage of all of these tools and leverage industry-standard products like TI's Code Composer Studio. By adding the plug-and-play simplicity of the Blackhawk™ USB-JTAG Emulator, today's developer is enabled with an incredibly powerful, flexible tool for DSP development and support.

“The idea behind the development of Blackhawk products is to make life easier for DSP developers. The USB Emulator does just that”, says Dick Friedel, Vice President, EWA Technologies.

Blackhawk is a member of the TI TMS320™ third-party program, the most extensive collection of global DSP development support in the industry, with more than 400 independent companies and consultants providing TI customers with a broad range of application software, development hardware and software and consulting services. For more information on the TI third party program, please visit [dspvillage.ti.com](http://dspvillage.ti.com).

### **Corporate Profile**

Blackhawk™, a division of EWA, Inc., of Herndon, VA, provides software tools and hardware for the rapid development of DSP-based applications for a wide variety of vertical markets. Blackhawk™ is dedicated to the process of removing roadblocks facing

developers of DSP-based applications. Blackhawk™ was the first to introduce a suite of DSP software tools based on the POSIX Operating System. For more information, contact us at the location below.

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