# *Blackhawk*™ USB560*BP*
## JTAG Emulator for TI DSPs

TI DSP platforms: TMS320C6000™, TMS320C5000™, TMS320C2000™, OMAP™, DaVinci™

Compatible Operating Systems: Windows® 2000, XP and Vista



**3rd Generation Technology**

The compact bus-powered Blackhawk USB560*BP* is the third generation of the widely used XDS560-class emulator first introduced by Blackhawk and the only bus-powered USB JTAG Emulator that supports all of the advanced capabilities of Texas Instruments latest DSPs. These capabilities include high-speed Real-Time Data Exchange HS-RTDX™, lightning speed downloads and Advanced Event Triggering to quickly find and fix real-time software problems.

### The compact emulator is under 5 ounces and needs no external power!

Features include a variable TCK (timing clock) up to 50 MHz and highly flexible 8 inch cable assembly suitable for use from 5.0 volts down to 0.5 volts to support TI low-voltage device roadmap. Software compatibility with all versions of Code Composer Studio™ (CCStudio) integrated development environment (IDE) v2.2 and later. Drivers are provided for Windows® 2000, XP and Vista. Additionally, 64-bit drivers are available for XP Pro x64 and Vista x64. All driver updates are available for download free-of-charge from our website.

The Blackhawk USB560*BP* JTAG Emulator supports TMS320, TMS470 (ARM®) and OMAP™ families including the DaVinci™ platform. The USB560*BP* JTAG Emulator is also compatible with the Code Composer Studio Flash-burner utility.

Blackhawk JTAG Emulators are available from a world wide network of industry resellers.

## ABOUT BLACKHAWK

Blackhawk™ is the first to introduce a USB JTAG Emulator for Texas Instruments DSPs and is a member of the TI DSP Third Party Network. Blackhawk™ is a business unit of EWA/EWA Technologies, Inc. with headquarters in Herndon, Virginia. Founded in 1977, EWA, Inc., is a broad-based technology company with 1,000 employees located in corporate offices and on-site throughout the U.S., Canada , and Australia providing professional services and specialized products to both U.S. and foreign customers. Committed to quality and customer support, EWA prides itself on overcoming technological challenges, delivering on-time for its customers, and providing continuing service.

## Features

- **USB Bus-powered, needs no power supply**
- High-speed RTDX™ Support with data rates of over 2 MB/sec
- New compact pod with status indicator LED
- High-speed USB 2.0 (480 Mbits/sec) port
- Auto-sensing low I/O voltage support
- Real-time, non-intrusive Advanced Event Triggering capability
- Native ADAPTIVE CLOCKING support for TI ARM-based devices
- Windows® Plug n' Play Installation
- Up to 100 times faster than XDS510 emulators
- Full Code Composer Studio IDE compatibility for v2.2 and later
- Remote Ethernet Software Available ($495)

## System Requirements

- PC running Windows® 2000, XP or Vista
- Code Composer Studio IDE v2.2 or later
- Free USB 1.1 or 2.0 port (2.0 preferred)
- CD-ROM drive for driver installation
- Target hardware with 20-pin cTI JTAG header

## Application Areas

Audio, Automotive, Broadband Solutions, Digital Controls, Imaging & Video, Military, Optical Networking, Telephony, Wireless Communications.

## Part Number BH-USB-560BP

# *Blackhawk* Emulators

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