

# Blackhawk™ USB510 JTAG Emulator for TI DSP's

TI DSP platforms: C6000, C5000, C2000, OMAP, VC33

Compatible Operating Systems: Windows® 98, ME, 2000, XP



The Blackhawk™ USB510 JTAG Emulator is the latest addition to our high-performance JTAG Emulator lineup for Texas Instruments TMS320, TMS470 (ARM) and OMAP families. The credit card sized USB510 JTAG Emulator is the most compact and lightweight JTAG emulator available. The USB bus powered design, which requires no external power source, is the ultimate in portability resulting in an ultra-compact unit that is very affordable. Blackhawk is the first company to introduce a USB JTAG emulator for Texas Instruments DSP's and the new USB510 set's the standard for portability, reliability and ease of installation.

The high-speed USB 2.0 port operates at 480 Mbits/second and is Plug n' Play compatible with Windows® 98/ME/2000/XP. Software compatibility with all versions of Code Composer and Code Composer Studio including v2.2 and above, and a driver independent DLL developed by Blackhawk, assures existing and future device compatibility for legacy or new DSP's right out of the box with no up-grades required.

The Blackhawk USB510 includes legacy support for Code Composer v4.1x and CCStudio v1.2 gives users access and compatibility to VC33, C20x and C24x. The USB510 JTAG Emulator is also compatible with 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 DSP's and is a member of the Texas Instruments Third Party Developers Network. *Blackhawk™* is a business unit of EWA/EWA Technologies, Inc. with headquarters in Herndon, Virginia. Founded in 1977, EWA employs more than 1,000 people in eight operating units and associated activities around the world providing a wide range of IT applications to a broad constellation of government and commercial customers, including the US Department of Defense and all military services, national intelligence and law enforcement agencies, NASA, and international defense, security and banking organizations.

## Features

- Ultra compact designed pod with status LED
- High-speed USB 2.0 (480 Mbits/sec) port
- Bus powered, no external power required
- Windows® Plug n' Play Installation
- Auto-sensing low I/O voltage support
- Windows® 98, ME, 2000, XP Drivers
- High-speed micro coax cable assembly
- Free technical support and web downloads
- Standard 14-pin JTAG Header Connector
- Affordable price

## System Requirements

- PC running Windows® 98, ME, 2000, XP
- Code Composer or Code Composer Studio IDE
- Available USB 1.1 or 2.0 port
- CD-ROM drive for driver installation
- Target hardware with standard JTAG header

## Application Areas

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

Part Number BH-USB-510

# Blackhawk Emulators

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