

# Blackhawk™ PCI510 JTAG Emulator for TI DSP's

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

Compatible Operating Systems: Windows® 2000, XP



The Blackhawk™ PCI JTAG Emulator is a high-performance PCI-based JTAG Emulator for Texas Instruments TMS320, TMS470 (ARM) and OMAP families. The half-length PCI card features a variable TCK (timing clock) up to 35 MHz and includes a detachable, 5 1/2 foot multi-voltage cable/pod assembly. Drivers are provided for Windows® 2000/XP.

Using an advanced version of emulation drivers and the advanced feature set of TI high-speed DSP architecture allows the PCI510 JTAG emulator to be up to 8 times faster than other XDS510 compatible JTAG emulators.

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 upgrades required.

The Blackhawk PCI JTAG Emulator supports TMS320, TMS470 (ARM) and OMAP families. Legacy support for Code Composer v4.1x and CCStudio v1.2 gives users access and compatibility to VC33, C20x and C24x. The PCI 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

- Fast program downloads
- Full Code Composer Studio™ Compatibility
- Works with Code Composer v4.1x (VC33)
- Flexible 5 1/2 foot high-speed micro coax cable
- Auto-sensing low I/O voltage support
- Windows® 2000, XP Drivers
- Driver Independent DLL conforms to SEPK
- Free technical support and web downloads
- Up to 8x faster than other XDS510 emulators
- Ethernet Software Upgradeable (\$495)

## System Requirements

- PC running Windows® 2000 or XP
- Code Composer or Code Composer Studio IDE
- Vacant PCI slot
- 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-PCI-510

# Blackhawk Emulators



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