

Blackhawk™ USB510L Emulator for TI DSPs

TI DSP platforms: C6000™, C5000™, C2000™, OMAP™,
TMS470(ARM®) and DAVINCI™

Compatible Operating Systems: Windows® 2000, XP and Vista

The Blackhawk™ USB510L JTAG Emulator is a very affordable and full-featured addition to our product lineup for Texas Instruments TMS320, TMS470 (ARM), DaVinci and OMAP families.

Portability of the USB510L is enhanced due to the very compact pod and because no external power is required except for a USB connection. This makes the new emulator very well suited for travel and use with notebook computers. Many of the older and less-sophisticated parallel port and PCMCIA emulators cannot be used on modern laptops and the USB510L is a faster, easier and cost-effective replacement.

Blackhawk is the first company to introduce a USB JTAG emulator for Texas Instruments DSP's and the new USB510L raises the standard for portability, reliability and ease of installation.

Two optional add-ons to the USB510L are the Blackhawk FlashBurn utility and Blackhawk Isolation Adapter.

BHFlashBurn is a scriptable utility that follows the freely available Texas Instruments API and algorithms for programming DSPs with on-chip flash.

Blackhawk Isolation Adapter which protects from ground loop voltage, harsh environments and new, untested designs. Supports 3.3-5.0v targets with TI 14-pin connections.

The USB510L 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

EWA Technologies, Inc. is a major global player in the application of the IEEE 1149.x standards (known as boundary-scan or JTAG) to state-of-the-art products that will support the design, prototyping and production of the next generation of complex technology products. EWA Technologies consists of two operating units: the Blackhawk™ division in Mount Laurel, NJ, and Corelis, Inc. in Cerritos, CA. The Blackhawk™ division is a leader in providing hardware and software for the rapid development of digital signal processor-based (DSP) applications for a wide variety of vertical markets. Blackhawk™ is a Texas Instruments® (TI) DSP Third Party provider for development hardware, advanced JTAG emulators, Real-Time Operating Systems, design services and consulting.



Features

- Affordable XDS510™-class Controller.
- Plug n' Play USB Host Interface.
- Supports TI TMS320™ Digital Signal Processors:
 - C2000™ High Performance 32-bit controllers
 - C5000™ Power-Efficient DSPs
 - C6000™ Floating-point DSPs
 - C6000™ High Performance DSPs
 - DaVinci™ Digital Media Processors
 - TMS470 (ARM®)
 - OMAP™
- 3.3/5.0 volt device I/O support.
- Bi-Color Status LED (red/green).
- Code Composer Studio v3.3 support.
- Blackhawk FlashBurn utility add-on.

System Requirements

- PC running Windows® 2000, XP or Vista
- 15 MB of free hard disk space
- 2.0 GHz or faster Pentium or compatible
- USB port
- Local CD-ROM drive for installation
- 512 MB RAM

Part Number: BH-USB-510L

Blackhawk Emulators

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