Blackhawk™ XDS560v2 System Trace for TI Devices

TI Devices: C6000, C5000, C2000, OMAP, DAVINCI, SITARA, TMS470, TMS570, ARM 7/9, ARM Cortex A8/R4/M3 and more

Compatible Operating Systems: Windows® (2000/XP/Vista/7) and Linux (RedHat/Fedora/Ubuntu/SUSE, etc.) 32 and 64-bit editions

Part Number: BH-XDS-560v2-BP (bus-powered)

Part Number: BH-XDS-560v2 (PoE Model)

The Blackhawk XDS560v2 System Trace Emulator (BH560v2) is based on the new Texas Instruments XDS560v2 JTAG emulator reference design (XDS560v2). The XDS560v2 design is the next-generation of the high-performance XDS560-class technology first made available by Blackhawk with the USB560/LAN560 and XDS560 Trace. The XDS560v2 design includes both high-speed USB 2.0 and 10/100Mbit Ethernet host interfaces, multi-color state and activity LEDs and a flexible ribbonized coax JTAG cable. The XDS560v2 adds support for IEEE1149.7 and the system trace module (STM), an interface on the TI heterogeneous multi-core (ARM + DSP) devices. If you are familiar with the Blackhawk LAN560 product, you will already be familiar with this new design.

Blackhawk Emulators are available from a world wide network of



The BH560v2 meets all of the TI XDS560v2 reference design features and requirements and extends (improves) capabilities by offering the following enhanced features.

- POWER: This is the first and most important feature enhancement. The BH560v2 has the option to be powered from either the USB or POE (power over Ethernet) connectors. Yes, the unit can be powered solely from the USB; a great feature for road warriors. And for LAN operation, the BH560v2 offers a 802.11af POE connector that can be powered from a POE enabled switch or available POE injector supply.
- INDICATORS: We also added dedicated power and USB activity LEDs, which are found on the current Blackhawk USB560m and LAN560 models.
- CONFIGURATION & TEST: The BH560v2 includes a graphical user interface application that allows users to find, update, configure and test Bh560v2 devices on the local area network (LAN). You can even name the units, configure DHCP or fixed IP and more.

Blackhawk XDS560v2 Enhanced Feature Set

- Power Over USB Standard
- Power Over Ethernet Option
- Additional Dedicated LEDs for Power and USB
- LAN and USB Graphical Configuration & Diagnostic Tool

Standard Features of TI XDS560v2 and Blackhawk XDS560v2

- Supports Code Composer Studio v4.2 or later and all Ctools enabled devices
- Flexible 12.5 inch JTAG cable with native 60-pin MIPI HSPT Target Cable
- Includes 20-pin compact TI (cTI), 14-pin standard TI and 20-pin ARM Adapters
- Supports JTAG 1149.1 and 1149.7
- Auto-Adaptive T-clock (TCLK) up to 50MHz
- Auto Sensing Target voltage range from 1.2v to 4.1v
- JTAG Debug Isolation, JTAG loop-back Modes and Boot Mode EMU0 & EMU1
- Supports 1-4 pin System Trace with 128 Mbytes of System Trace Buffer
- Up to 100MHz export clock compliant to MIPI STP
- Auto compensating calibration for edge jitter, channel skew and duty cycle
- Adaptive receiver for setup/hold times up to 1.5ns
- High-Speed USB 2.0 port @ 480Mbit/sec and 10/100 Ethernet port
- Supports Mobile Industry Processor Interface (MIPI)
- Supports System Trace Protocol (STP) and High-speed Parallel Trace (HSPT)
- Eight (8) tri-color status, state and activity LEDs

Items Included in the Box

1. XDS560v2 System Trace Emulator Pod
2. System Trace Coax JTAG Cable
3. MIPI60 buffer board
4. Pin Converters (4): TI14, TI20, TI60 trace, and ARM20 targets
5. USB Cable
6. Product Registration Card
7. Quick Start Guide
8. CDROM
9. POE Injector power supply and wall cords (PoE Model)
10. Ethernet Cables (2) (PoE Model)

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.

Blackhawk™ JTAG Emulators AND DEVELOPMENT TOOLS FOR TEXAS INSTRUMENTS DSPs

Blackhawk Powering DSP Development™

Texas Instruments TI Developer Network

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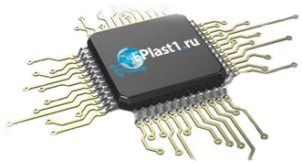
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- Подбор аналогов;
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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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