

Blackhawk™ LAN560 JTAG Emulator for TI DSP's

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

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



The LAN560 JTAG Emulator (LAN560) is the latest XDS560-class product offering by Blackhawk, the first of its class for debugging TI DSPs across Ethernet. The LAN560 supports all of the advanced capabilities of Texas Instruments latest DSPs. These capabilities include high-speed Real-Time Data Exchange (RTDX)™, for lightning speed downloads and Advanced Event Triggering to quickly find and fix real-time software problems. Connections are made through its auto-sensing 10/100 Mbps RJ45 connector that attaches directly to any hub, switch, or wireless access point on the network. Using an internal TCP/IP stack, the LAN560 eliminates the need and added cost for installation in another computer, making it portable and cost effective. Network configuration of the LAN560 is simple via its onboard USB port. A supplied configuration program allows you to change the emulator's default TCP/IP address and network mask to match your network.

The compact emulator pod features a variable TCK (timing clock) up to 35 MHz and includes a detachable, 5 1/2 foot multi-voltage cable/pod assembly. Software compatibility with all versions of Code Composer and Code Composer Studio and a driver independent DLL developed by Blackhawk, assures existing and future device compatibility for legacy or new DSPs right out of the box with no upgrades required.

The Blackhawk LAN560 JTAG Emulator supports TMS320, TMS470 (ARM) and OMAP families. Legacy support for Code Composer v4.1x and Code Composer Studio v1.2 gives users access and compatibility to VC33, C20x and C24x. The LAN560 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

- 10/100 Mbps Ethernet LAN Interface
- 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
- Flexible 5 1/2 foot high-speed micro coax cable
- Auto-sensing low I/O voltage support
- Real-time, non-intrusive Advanced Event Triggering capability
- Windows® Plug n' Play Installation
- Up to 100 times faster than XDS510 emulators
- Full Code Composer Studio (CCS) IDE compatibility including CC v4.1x & CCS v1.2

System Requirements

- PC running Windows® 98, ME, 2000 or XP
- Code Composer or Code Composer Studio IDE
- Free 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-LAN-560

Blackhawk Emulators



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Powering DSP Development™



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