

Blackhawk™ USB510W Wireless JTAG Emulator

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

Compatible Operating Systems: Windows® 2K, XP, Vista & 7

The Blackhawk USB510W is the first of its kind wireless JTAG emulator for Texas Instruments DSPs. The USB510W has an embedded 802.11 wireless transceiver and requires no hard connection to a PC in order to debug using Code Composer Studio. The major benefit of this capability is to completely isolate the PC from the target therefore eliminating the chance for high-voltage damage of test components. This protects the target board, PC and emulator from voltage spikes and the absence of a common ground plane.

Configuration of the USB510W is accomplished via the USB port in the same fashion as setting up a wireless router. Or, the USB510W can be used wirelessly right out of the box using the default settings suitable for most wifi networks. And of course, the USB510W can also be used for debugging via the high-speed USB port. The integrated wireless transceiver chip of the USB510W is capable of supporting the following wireless protocols and speeds:

802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, & 65 Mbps

802.11ag: 6, 9, 12, 18, 24, 36, 48, & 54 Mbps

802.11b: 1, 2, 5.5, & 11 Mbps

Blackhawk is a recognized leader in providing advanced JTAG Emulators for Texas Instruments DSPs and the first company to develop a USB JTAG Emulator for TI TMS320™ DSPs. Our XDS510™-class emulators & controllers provide a full range of features and benefits with support for a wide-range of TI DSPs. Blackhawk XDS510-class JTAG Emulators & Controllers are also compatible with Code Composer Studio™ Flash-burner utility.

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 Emulators are available from a world wide network of industry resellers and distributors.



Features

- Wireless 802.11 XDS510™-class Controller
- 1.8/3.3/5.0 volt device I/O support
- Auto-sensing low I/O voltage support
- 20-pin cTI (compact TI) JTAG Header Connector
- Code Composer Studio v3.3 SR2 or later
- Bi-Color Status LED (red/green)
- Full CCStudio IDE compatibility
- Windows® Plug n' Play Installation
- Drivers are provided for Windows® XP, Vista and Windows 7 including 64-bit support
- All driver updates are available for download free-of-charge from our website
- Compatibility with the CCStudio Flashburn plugin and Blackhawk FlashBurn Utility add-on
- Free technical support and web downloads
- One Year Warranty
- Fully assembled and tested in the US
- RoHS Compliant

System Requirements

- PC running Windows® 2000, XP, Vista or 7
- CCS v4.2 and later
- 2.0 GHz or faster Pentium or compatible
- USB port
- Local CD-ROM drive for installation
- 1 GB RAM

Part Number: BH-USB-510W

Blackhawk Emulators

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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