

ADVANCED JTAG EMULATORS

Blackhawk™ is a leader in the design of DSP hardware and software Development tools. The first to develop a USB to JTAG emulator for Texas Instruments XDS510 class devices and next generation with the Blackhawk USB560 JTAG Emulator.

Features for USB2000:

- Super low-cost XDS510™-class controller
- Plug n' Play USB host interface
- Supports TI c2000 Digital Signal Processors: F283x, F281x, F280x, F280xx, LF240x
- 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
- Optional isolation adapter available

Features for USB510:

- Ultra compact designed pod with status LED
- High-speed USB 2.0 (480 Mbits/sec) port
- Bus powered, no external power required
- Windows® Plug n' Play installation
- Auto-sensing low I/O voltage support
- High-speed micro coax cable assembly
- Free technical support and web downloads
- Standard 14-pin JTAG Header Connector
- Affordable price

Features for USB560:

- High-speed RTDX™ support with data rates of over 2MB/sec
- Compact pod with power and USB status indicator LED's
- High-speed USB 2.0 (480 Mbits/sec) port
- Flexible 12 inch high-speed micro coax JTAG cable with 20-pin cTI (Compact TI) header
- Auto-sensing low I/O voltage support down to 0.5v
- 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 IDE compatibility for versions 2.2 and later
- Remote software available

MOUSER STOCK NO.	Blackhawk Part No.	Fig.	Description	Price Each
716-BH-USB-2000	BH-USB-2000	A	USB2000 Controller	299.00
716-BH-USB-510L	BH-USB-510L	B	USB510L Emulator	995.00
716-BH-PCI-560	BH-PCI-560	C	PCI560 Emulator	2750.00
716-BH-USB-560BP	BH-USB-560BP	D	USB560BP Emulator	2975.00
716-BH-USB-560M	BH-USB-560M	E	USB560M Emulator	2999.00
716-BH-LAN-560	BH-LAN-560	F	LAN560 Emulator	3495.00
716-BH-USB-560T	BH-USB-560T	G	XDS560 Trace System	9995.00

SOFTWARE

Blackhawk also features several Advanced Software Tools, POSIX OS and Emulation Utilities specifically geared to the Embedded space.

MOUSER STOCK NO.	Blackhawk Part No.	Fig.	Description	Price Each
716-BH-RES-PRO	BH-RES-PRO	--	Remote Software Pro	995.00

EMULATION ADAPTERS

Isolation Adapters

The Blackhawk Isolation Adapter is a device that connects between your JTAG Emulator and the JTAG connector on your target board. The adapter is designed to minimize and protect connected devices (PC/Emulator/Target) from ground loop voltage, harsh environments and new, untested designs.

MOUSER STOCK NO.	Blackhawk Part No.	Fig.	Description	Price Each
716-BH-ADP-ISO-14	BH-ADP-ISO-14	--	BH Isolation Adapter 14-pin	299.00
716-BH-ADP-ISO-20	BH-ADP-ISO-20	--	BH Isolation Adapter 20-pin	299.00

Pin Converters

Blackhawk provides several different emulation adapters to fit Texas Instruments standard JTAG target headers. Below is a list of emulation adapters currently available from Blackhawk or an authorized Blackhawk Reseller.

MOUSER STOCK NO.	Blackhawk Part No.	Fig.	Description	Price Each
716-BH-20ECTI-14TTI	BH-20e_cTI-14_TI	H	Adapter Pin Converter	100.00
716-BH-20ECTI-20TARM	BH-20e_cTI-20T_ARM	I	Adapter Pin Converter	100.00
716-BH-20ECTI-60TTI	BH-20e_cTI-60T_TI	J	Adapter Pin Converter	150.00
716-BH-14ETI-60TTI	BH-14e_TI-60T_TI	K	Adapter Pin Converter	150.00
716-BH-14ETI-20TCTI	BH-14e_TI-20T_cTI	L	Adapter Pin Converter	100.00
716-BH-60ETI-14TTI	BH-60e_TI-14T_TI	--	Adapter Pin Converter	150.00
716-BH-60ETI-60TTI	BH-60e_TI-60T_TI	--	Adapter Pin Saver	150.00

