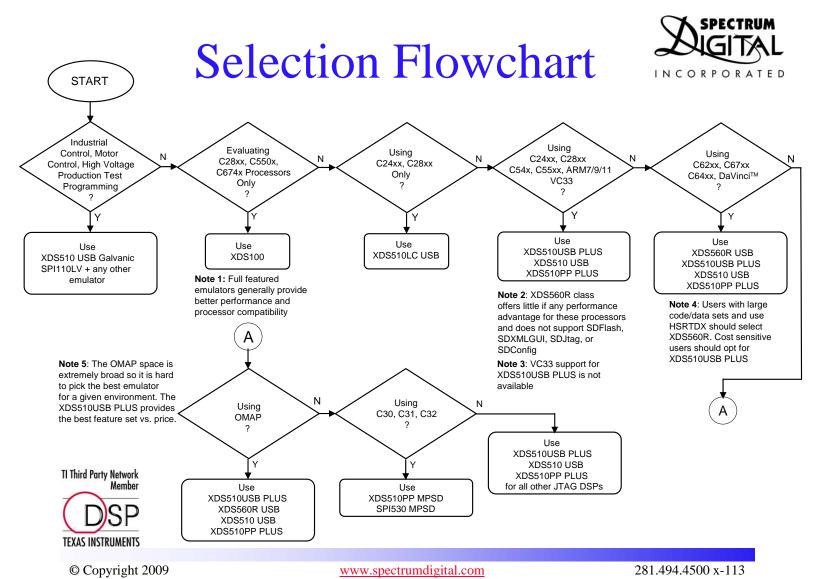
Spectrum Digital Emulator Selection





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Features of the XDS560R



HARDWARE

- Supports TI Processors with JTAG Interface (IEEE 1149.1)
- Compatible with TI XDS560
- Modular tail connector for alternate JTAG headers
- Advanced emulation controller for high performance
- Variable/Programmable TCLK
- Compatible with USB 2.0 interface on PC, no adapter card required
- Supports +1.0 volt to +5 volt JTAG interfaces
- 5 LEDs for operational status
- User accessible RESET switch
- Power provided by supplied power supply

SOFTWARE

- Compatible with TI Code Composer Studio
- Compatible with DSP BIOS, RTDX, HSRTDX
- \bullet Compatible with Multi TM from Green Hills Software
- \bullet Compatible with Windows 2000, XP, and Vista Operating Systems





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Features of the XDS510USB PLUS



HARDWARE

- Supports TI Processors with JTAG Interface (IEEE 1149.1)
- Compatible with Spectrum Digital XDS510USB
- Modular tail connector for alternate JTAG headers
- Advanced emulation controller for high performance
- ARM Ltd. style adaptive clocking support
- Variable/Programmable TCLK
- Compatible with USB 2.0 interface on PC, no adapter card required
- Supports +1.0 volt to +5 volt JTAG interfaces
- 1 LED for operational status
- User accessible RESET switch
- Power provided by host USB port or USB hub

SOFTWARE

- Compatible with TI Code Composer Studio
- Compatible with DSP BIOS and RTDX
- Compatible with Spectrum Digital's Flash Programming Utility
- Compatible with Tomento DiaTem Boundary Scan Debugger
- Compatible with Windows 2000, XP, and Vista Operating Systems





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Features of the XDS510USB Galvanic



HARDWARE

- Supports TI Processors (C2xxx, C54xx, C55xx, C67xx, C64xx, TMS470 ARM, OMAP) with JTAG Interface (IEEE 1149.1)
- Compatible with Spectrum Digital XDS510 USB JTAG Emulator
- Voltage Isolation provided by IL715, IL717, HCPL-260L (UL1577 rated for 2500Vrma for 1 minute and IEC 61010-1, Pollution Degree II, Material Group III, Max working voltage 300 Vrms Common Mode Transient Immunity 30Kv/us @ Vcm=300V)
- Voltage isolation on PWB with 6mm. Minimum clearances and creepage distances
- Compatible with USB 1.x and USB 2.0 (full speed)
- Compatible with USB interface on PC, no adapter card required
- Supports +3.3 volt and +5 volt JTAG interfaces(+3.3 to 1.8 with Low Voltage Adapter)
- 1 status LED for USB operational status
- Power provided by host USB port/hub and target system

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SOFTWARE

- Compatible with TI Code Composer Studio
- Compatible with Spectrum Digital's Flash Programming Utility
- Works with emulation driver releases 2.21.03 or higher
- Compatible with Windows 2000, XP, and Vista Operating Systems



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Features of the XDS510 USB



HARDWARE

- Supports TI Processors with JTAG Interface (IEEE 1149.1) (C24x, F240x, F28xxx, VC33, C5xxx, C6xxx, TMS470 ARM, OMAP, DaVinciTM)
- Operates off PC/laptop/HUB USB port, no power adapter required
- Supports USB 1.x and USB 2.0 (full speed)
- Compatible with +3.3V or +5V processors (+1.8 with LVA)
- 1 LED for operational status
- Compatible with SPI110LV opto pod
- Compatible with 4 channel JTAG expander
- Compatible with Low voltage Adapters

SOFTWARE

- Compatible with TI Code Composer Studio
- Compatible with DSP BIOS and RTDX
- Compatible with Windows 2000, XP, and Vista Operating Systems
- Operates with "SDFlash" stand alone programming utility from Spectrum Digital
- Compatible with Programming utilities developed by Texas Instruments





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Features of the C2000 XDS510LC USB



HARDWARE

- Supports TI C24xx, C28xxx Digital Signal Controllers only with JTAG Interface (IEEE 1149.1)
- Operates off PC/laptop/HUB USB port, no power adapter required
- Supports USB 1.x and USB 2.0 (full speed)
- Compatible with +3.3V or +5V processors (+1.8 with LVA)
- 1 LED for operational status
- Compatible with SPI110LV opto pod
- Compatible with 4 channel JTAG expander
- Compatible with Low voltage Adapters

SOFTWARE

- Compatible with TI Code Composer Studio Rev 3.1 or later
- Compatible with DSP/BIOS and RTDX
- Compatible with Windows 2000, XP Operating Systems
- Operates with "SDFlash" stand alone programming utility from Spectrum Digital
- Compatible with Spectrum Digital's "C language "XMLGUI" interface
- Compatible with Programming utilities developed by Texas Instruments





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Features of the XDS510PP PLUS



HARDWARE

- Supports TI Processors with JTAG Interface (IEEE 1149.1) (C2xx, C24x, F240x, F28xxx, VC33, C4x, C5x, C5xxx, C6xxx, TMS470 ARM, OMAP, DaVinci™)
- Operates with parallel port on PC or laptop, no external power adapter required when +5 supplied by target
- Supports bi-directional, ECP, and EPP transfers
- Compatible with +3.3V or +5V processors (+1.8 with LVA)
- 1 LED for JTAG active status
- Powered by target or supplied adapter (+5 volts required)
- Compatible with SPI110LV opto pod
- Compatible with 4 channel JTAG expander
- Compatible with Low voltage Adapters

SOFTWARE

- Compatible with TI Code Composer Studio
- Compatible with DSP BIOS and RTDX
- Compatible with Windows 2000, XP, and Vista Operating Systems
- Operates with "SDFlash" stand alone programming utility from Spectrum digital
- Compatible with Programming utilities developed by Texas Instruments





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Features of the XDS100



HARDWARE

- Supports TI C28xx, C550x, C674x Digital Signal processors only with JTAG Interface (IEEE 1149.1)
- Operates off PC/laptop/HUB USB port, no power adapter required
- Supports USB 1.x
- Supports targets with +1.8V and +3.3V I/O levels
- Supports targets with 14-pin JTAG header
- Dimensions: 1.8"L x 1.2"W x .45H

SOFTWARE

- Compatible with Code Composer Studio IDE™ from Texas Instruments
- Compatible with Windows 2000/XP/Vista Operating Systems





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Features of the XDS510PP MPSD



HARDWARE

- Supports TI Digital Signal Processors with MPSD Interface (TMS320C30/C31/C32)
- Operates with parallel port on PC or laptop, no external adapter required
- Supports 8 bit bi-directional parallel port interface
- Compatible with +3.3V or +5V processors
- 1 LED for active status
- Powered by target or supplied adapter (+5 volts required)

SOFTWARE

- Compatible with TI Code Composer for TMS320C3x (includes 'C' compiler, assembler, linker, and debugger)
- Compatible with Win 98, ME, NT, 2000, XP Operating Systems





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Features of the SPI530 MPSD



HARDWARE

- Supports TI Digital Signal Processors with MPSD Interface (TMS320C30/C31/C32)
- Provides highest performance with internal high speed control processor
- Operates with parallel port on PC or laptop, no external adapter required
- Supports 8 bit bi-directional parallel port interface
- Compatible with +3.3V or +5V processors
- 1 LED for active status
- Powered by supplied adapter

SOFTWARE

- Compatible with TI Code Composer for TMS320C3x (includes 'C' compiler, assembler, linker, and debugger)
- Compatible with Win 98, ME, NT, 2000, XP Operating Systems





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Ordering Information

Part #	<u>Description</u>	<u>Price</u>
702560	XDS560R USB JTAG Emulator, 20 pin CTI header	\$ 2499.00
702562	XDS560R USB JTAG Emulator, 14 pin header	\$ 2499.00
701905	XDS510USB PLUS JTAG Emulator , 14 pin header	\$ 1495.00
701907	XDS510USB PLUS JTAG Emulator , 20 pin CTI header 20-14 pin adapter included	\$ 1549.00
701910	XDS510USB Galvanic JTAG Emulator, 14 pin header	\$ 1995.00
701900	XDS510 USB JTAG Emulator, 14 pin header	\$ 989.00
701902	C2000 XDS510LC USB JTAG Emulator, 14 pin header	\$ 249.00*
701014	XDS510PP PLUS JTAG Emulator, 14 pin header	\$ 495.00
702300	XDS100 JTAG Emulator	\$ 79.00
701041	XDS510PP MPSD Emulator, (C30/31/32) 14 pin header	\$ 1299.00
701121	SPI530 MPSD Intelligent Emulator, (C30/31/32) 14 pin header	\$ 2499.00
	* - Introductory price ** - Emulators are also available for purchase bundled with Code Composer Studio Software.	

Code Composer Studio Software.



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Spectrum Digital Emulator Support and Contact Information

Main Support Site: http://support.spectrumdigital.com/

Emulator and Target Board support, drivers and documentation

may be found at the link above.

Emulator Support Website: http://emulators.spectrumdigital.com/

On Line Help Desk: http://www.spectrumdigital.com ->Support -> Help Desk

Support email: support@spectrumdigital.com

Support telephone: 1.281.494.4500 x-113

Fax: 1.281.494.5310



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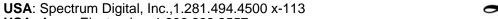
Fax: 1.281.494.5310



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- Bulgaria: Akermann Electronics, 359.2.953.0078
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- Israel: GS Tech, 972.3.9002727
- Italy: Digilab2000.srl, 39.0742.326344
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- Mexico: DSPPROJECTS, SA de CV, 52.33.3624.9320
- PRC: Beijing Open Lab System Inc, 86.10.8235.7579
- Poland: RK System, 48.22.724.30.39
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- Singapore: FTD Solutions, Pte Ltd, 65.6744.9789
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- Switzerland: MSP Kofel, 41.31972.3152
- South Africa: Technology Marketing Solutions cc, 27.11.882.6836
- Sweden-Scandinavia: Tricon AB, 46.40.67.017.10
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- Turkey: EMPA Electronik, 90.212.465.7199 x-142
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