



Comprehensive DSP Tool Solutions

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Application

Debug hardware

Debug software

Flash programming

Warranty: 1 year from date of purchase

Part #: 701910

Rev Level: A

XDS510 USB Galvanic JTAG Emulator



XDS510 USB Galvanic JTAG Emulator

Hardware Features	System Features	What's Included
- Supports Texas Instruments Digital Signal Processors and Microcontrollers with JTAG interface: - F24xx • F28xx - C54xx • C55xx - C67xx • C672x - C62xx • C641x - C642x • C645x - C64x+ • DM64x - C674x • DM355 - DaVinci™ TMS570 - TMS470 Cortex™ - OMAP™ - Operates off PC/laptop USB port, no internal adapter required - USB bus powered, no power supply required - Supports USB 1.x and USB 2.0 (full speed)	- Voltage isolation provided by IL715, IL717, HCPL-260L (UL1577 rated for 2500Vrms 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 Software Features - Compatible with the Full License of Code Composer Studio™ versions 3.x and v4 from Texas Instruments (<i>Not compatible with the DSK/eZdsp/EVM Tools versions of Code Composer Studio™</i>) - Supports Spectrum Digital's	- XDS510 USB Galvanic JTAG Emulator - USB cable - CD-ROM with drivers - Setup instructions - Warranty registration card - Technical reference manual You May Need - Code Composer Studio 4 Channel JTAG Expander - DSP Target Board (EVM, eZdsp, DSK)

- Advanced emulation controller provides high performance
- Compatible with +3.3V or +5V processors
- One LED provides operational status
- 14-pin JTAG Interface

"SDFlash" Programming Utility

- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Compatible with Windows 2000, XP, Vista, Win7, and Linux Operating Systems

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