



Comprehensive DSP Tool Solutions

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XDS510 USB Galvanic JTAG Emulator



Documentation

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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

Hardware Features	System Features	What's Included
<ul style="list-style-type: none"> Supports Texas Instruments Digital Signal Processors and Microcontrollers with JTAG interface: <ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 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 <p>Software Features</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> XDS510 USB Galvanic JTAG Emulator USB cable CD-ROM with drivers Setup instructions Warranty registration card Technical reference manual <p>You May Need</p> <ul style="list-style-type: none"> 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