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## XDS510 USB Galvanic JTAG Emulator



### Documentation

[Installation Guide](#)  
[Drivers and Support](#)

### 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"> <li>Supports Texas Instruments Digital Signal Processors and Microcontrollers with <b>JTAG</b> interface (F240x, F28xx, C54xx, C55xx, C6xxx, TMS470 ARM9, OMAP, DaVinci™)</li> <li>Operates off PC/laptop USB port, <b>no</b> internal adapter required</li> <li>USB bus powered, <b>no</b> power supply required</li> <li>Supports USB 1.x and USB 2.0 (full speed)</li> <li>Advanced emulation controller provides high performance</li> <li>Compatible with +3.3V or +5V processors</li> <li>One LED provides</li> </ul>	<ul style="list-style-type: none"> <li>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)</li> <li>Voltage isolation on PWB with 6mm minimum clearances and creepage distances</li> </ul> <p><b>Software Features</b></p> <ul style="list-style-type: none"> <li>Compatible with Code Composer Studio Version 3.x and later from Texas Instruments</li> <li>Supports Spectrum Digital's</li> </ul>	<ul style="list-style-type: none"> <li>XDS510 USB Galvanic JTAG Emulator</li> <li>USB cable</li> <li>CD-ROM with drivers</li> <li>Setup instructions</li> <li>Warranty registration card</li> <li>Technical reference manual</li> </ul> <p><b>You May Need</b></p> <ul style="list-style-type: none"> <li>Code Composer Studio</li> <li>4 Channel JTAG Expander</li> <li>DSP Target Board (EVM, eZdsp, DSK)</li> </ul>

operational status

"SDFlash" Programming  
Utility

- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Compatible with Windows 2000, XP

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