

*XDS510USB Galvanic JTAG Emulator with Code Composer Studio C2000.*



**Documentation**  
Installation Guide  
Drivers and  
Support

**Application**  
Debug hardware  
Debug software  
Flash  
programming

**Warranty:** 1 year  
from date of  
purchase

**Part #:** 701927  
**Rev Level:** B



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### **Hardware Features**

- Supports Texas Instruments C24xx and C28xx Digital Signal Processors
- 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)
- Advanced emulation controller provides high performance
- Compatible with +3.3V or +5V processors
- One LED provides operational status

### **Software Features**

- 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**

- Code Composer Studio C2000
- Supports Spectrum Digital's "SDFlash" Programming Utility
- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Compatible with Windows 2000, XP

### **What's Included**

- Code Composer Studio C2000.
- XDS510USB Galvanic JTAG Emulator
- USB cable
- CD-ROM with drivers
- Setup instructions
- Warranty registration card

### **You May Need**

- 4 Channel JTAG Expander
- DSP Target Board (EVM, eZdsp, DSK)