Comprehensive DSP Tool Solutions

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
• Supports Texas Instruments Digital Signal Processors and Microcontrollers with **JTAG** interface:	• 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)	• XDS510 USB Galvanic JTAG Emulator

• 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 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 (*Not compatible with the DSK/eZdsp/EVM Tools versions of Code Composer Studio™*)

• Supports Spectrum Digital's

• 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

AMEYA360
Components Supply Platform

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Welcome to visit   www.ameya360.com

Contact Us :

➤ **Address :**

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ **Sales :**

Direct   +86 (21) 6401-6692

Email   amall@ameya360.com

QQ   800077892

Skype   ameyasales1 ameyasales2

➤ **Customer Service :**

Email   service@ameya360.com

➤ **Partnership :**

Tel   +86 (21) 64016692-8333

Email   mkt@ameya360.com