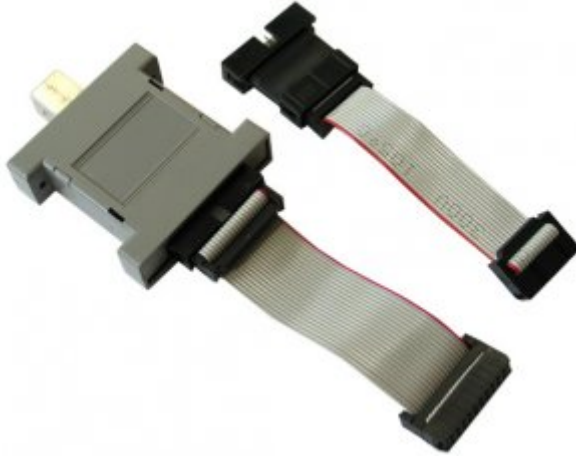


# TMS320-XDS100-V2



## **XDS100V2 - THE WORLD'S LOWEST COST DSP HIGH SPEED USB JTAG FOR PROGRAMMING AND EMULATION SOLUTION**

This is an XDS100v2-compliant emulator that follows the Texas Instruments' reference design.

### ***FEATURES***

- TMS320-XDS100-V2 hardware is designed to work with CCS software (version 4.x or newer)
- There is a free license for Code Composer Studio IDE when used with XDS100 hardware
- Programs the following processor cores: TMS320C28x, TMS320C54x, TMS320C55x, TMS320C64x+, TMS320C674x, TMS320C66x, ARM 9, ARM Cortex R4, ARM Cortex A8, ARM Cortex A9 and Cortex M3
- Supports all microcontrollers and DSPs supported by XDS100v2 design
- Works with targets (1.65 - 5.0)V
- Supports cable-break detection
- Supports target power loss detection
- Support for multiple FTDI devices
- Adaptive clocking
- Uses 0.1" 2x10 pin JTAG connector with TI layout
- Comes with adapter for 0.1" 2x7 pin TI JTAG connector
- **All units manufactured after 01.02.2014 also include a 0.1" 2x10 pin ARM JTAG layout adapter. It makes the connection to a board that features a supported ARM core target easier.**
- No need for external power supply, the unit is powered from the USB
- Compatible with Code Composer Studio 4.x and Code Composer Studio 5.x software for programming, real time emulation, debugging, step by step program execution, breakpoints, memory dump - everything the high priced emulators can do
- Dimensions (50x40)mm ~ (2.0x1.6)" + 20cm ~ (8") cable

### ***DOCUMENTS***

- [official XDS100 design page](#)
- [TMS320-XDS100-V2 European Declaration of Conformity](#)
- [TMS320-XDS100-V2 UKCA Declaration of Conformity](#)

### ***HARDWARE***

- [Layout of the board's 2x10 TI JTAG connector and the included 2x7 TI JTAG adapter \(top view\)](#)
- [Layout of of the included 2x10 ARM JTAG adapter \(top view\)](#)

### ***SOFTWARE***

- [Code Composer Studio](#)

The drivers of the XDS100 emulator are installed automatically with the latest "Code Composer Studio" version. If there are driver problems - refer to the troubleshooting section of the wiki article of the XDS100 design.