

News

DSP, Hardware and Software

MSP offers products and services for Industrial Computer Systems: Single Board Computers (CompactPCI, PMC, AMC/MicroTCA, VME), DSP Computer Boards, Analog I/O, Digital I/O and Communication Modules, and DSP Development Tools.

You are invited to visit us in Basel at

go.
automation
technology

Hall 2.1/Booth B09
4.-7. September 2007
Messezentrum Basel
www.go-automation.ch

MSP runs an exhibition stand and will present hardware and software.

D.Module2 Ultrahigh Performance, Standalone DSP Computer Modules

For new I/O and memory bandwidth hungry algorithms and applications.

D.Module2.DM642

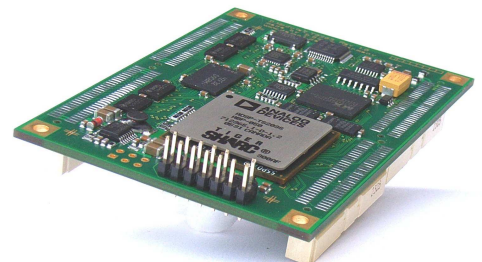
- 720 MHz TMS320DM642 fixed-point DSP
- 3 x 80MHz video ports (also for A/D and D/A)
- 10Base-T/100Base-TX Ethernet Controller

D.Module2.TS203

- 500MHz ADSP-TS203 TigerSHARC floating-point DSP
- 1GByte/s Link Ports

Common Features

- 64 MB SDRAM, 8 MB Flash
- 500 MB/s parallel bus
- USB2.0 interface
- Dual UART with RS232 and RS422/485 interface
- User programmable CPLD with GPIO interface
- 3.3V single-supply, Supervisor and Watchdog
- D.Module.BIOS and Setup Utility
- FPGA Daughter Module option



XDS510 USB Galvanic JTAG Emulator

The XDS510USB Galvanic JTAG emulator offers the same support as the XDS510USB and features voltage isolation between the emulation hardware and the DSP target system. Its use will be beneficial in developing applications such as motor control, power supplies, industrial control, and automated test equipment.

- Powered by the USB bus, no external power supply required
- Compatible with USB 1.x and USB 2.0



XDS510 USB PLUS JTAG Emulator

The XDS510USB PLUS JTAG emulator offers the same support as the well known XDS510USB, however boasts higher performance:

- Low voltage JTAG Interfaces, 1.8V to 5V
- ARM style Adaptive clocking support
- Programmable Tclock frequency up to 32MHz
- USB Bus powered, no external power supply required
- Compatible with USB 1.x and USB 2.0
- Replaceable target JTAG cables supporting 14-pin or 20-pin JTAG headers



XDS560 Class USB JTAG Emulator

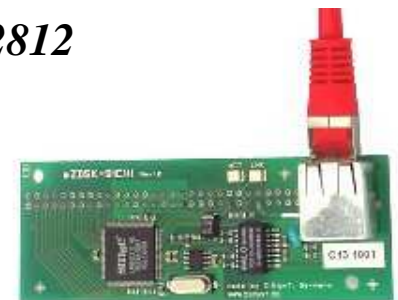
The XDS560R USB JTAG emulator provides a USB 2.0 based mechanism to develop and debug software for Texas Instrument's processors with JTAG interface (F28xx, C54xx, C55xx, C6xxx, TMS470 ARM, OMAP, DaVinci), and +1.0 to +5.0 volt JTAG voltage levels. Based on the next generation emulation processor (currently running at 600 MHz) the XDS560R supports DSP BIOS and High Speed RTDX for quicker debug and time to market.

Its modular JTAG cable assembly is engineered to accommodate current and future JTAG pin configurations without having to purchase a new emulator. Currently available are a DaVinci ready 20-pin CTI header and a 14-pin header. In addition the XDS560R has a programmable modular emulation backend (FPGA) for future emulation technology. The XDS560R USB JTAG emulator is compatible with the TI XDS560. Software drivers for TI's Code Composer Studio are provided with the emulator (updates available from www.spectrumdigital.com).



eZdsp.91C111 Ethernet Daughter Card for eZdsp F2812

The eZdsp.91C111 is an Ethernet network daughter card for the Spectrum Digital F2812 eZdsp™ Starter Kit. An optimized TCP/IP protocol stack is available, which has been carefully tailored to the special needs of DSP systems.



Starter Kits for Texas Instruments DSPs

- TMS320F2812
- TMS320F2808
- TMS320VC5510
- TMS320C6416
- TMS320C6713
- OMAP 5912

