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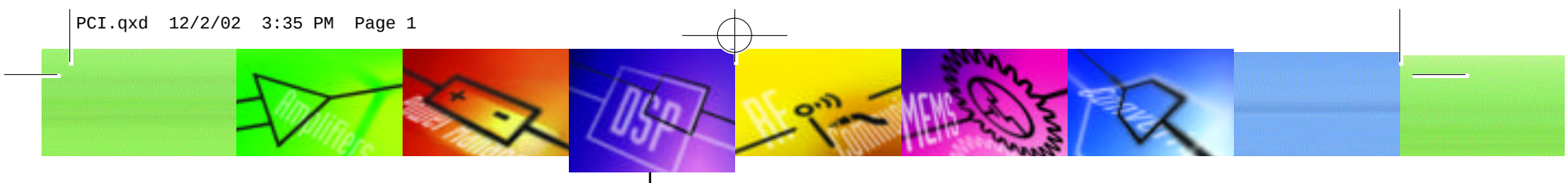
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Find the *Analog Devices ADDS-PCI-ICE* at our website: *Click HERE*

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High Performance PCI-Based Emulator for Analog Devices JTAG DSPs

Key Features

Attributes

- Code download speeds of up to 2.2 MB/sec
- Multiple DSP I/O voltage support
  - 1.8V, 2.5V, and 3.3V compliant and tolerant
  - 5V tolerant and 3.3V compliant for 5V DSPs
- JTAG clock operation up to 50 MHz
- Multiprocessor support
- Plug-n-Play, PCI revision 2.2 compliant
- Supports all ADI JTAG DSPs
- CE-certified

System Requirements

- Windows 98, Windows NT, Windows, 2000, or Windows XP
- Intel (or comparable) 166MHz processor
- VGA Monitor and color video card
- 50MB free on hard drive
- 32 MB RAM
- One available PCI slot



Overview

The High Performance (HP) PCI-based emulator provides state-of-the-art emulation for Analog Devices JTAG DSPs. The HP PCI-based emulator offers code download speeds of up to 2.2 MB/sec allowing applications to be tested in a fraction of the time, by gathering data samples ten times faster than before. In addition, the JTAG interface clocks five times faster than its predecessor enabling more test vectors to run in a shorter amount of time. Background Telementry Channel (BTC) is another feature of the HP PCI-based emulator. BTC enables real-time data collection and status messaging, eliminating the overhead involved with halting the target application, getting the desired information, and then restarting the target application. BTC is currently supported on ADI's Blackfin™ DSP family as well as ADI's ADSP-219x DSP family with VisualDSP++™ release 3.0.

The HP PCI-based emulator consists of a small-shielded pod and cable allowing for a non-intrusive debug interface to all of the ADI JTAG DSPs. The HP PCI-based emulator auto-detects voltages for 1.8V, 2.5V, 3.3V and 5.0V targets as indicated by the display LEDs. The cable extends 6-feet from the host PC to the emulator pod, and 1-foot from the pod to DSP target.

Available software is ADI's VisualDSP++™ development environment. Software is sold separately.

CROSSCORE™
Analog Devices DSP Development Tools

ANALOG DEVICES

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Analog Devices' DSP Tools Product Line

CROSSCORE™, Analog Devices' DSP development tools product line, provides easier and more robust methods for engineers to develop and optimize DSP systems by shortening product development cycles for faster time-to-market.

The CROSSCORE components include the VisualDSP++ software development environment, EZ-KIT Lite™ evaluation systems, and emulators for rapid on-chip debugging. VisualDSP++ is an integrated software development environment allowing for fast and easy development, debug, and deployment. Emulators are available for PCI and USB host platforms. The EZ-KIT Lite evaluation system provides an easy way to investigate the power of the ADI's family of DSPs to develop applications.

Analog Devices is committed to continuous expansion of leading-edge development solutions for DSP design engineers everywhere.

For more information on the tools product line visit the Analog Devices website **www.analog.com/dsp/tools/** .

Analog Devices DSP

Analog Devices is a leading supplier of digital signal processing solutions, from low power 16-bit DSPs (ADSP-21xx Family) to high-performance 32-bit SHARC®, TigerSHARC® and Blackfin™ DSPs, to integrated mixed-signal DSPs for an increasing spectrum of applications. Our advances in design provide faster processing, more memory, lower power consumption, and simplified system integration. ADI gives you a competitive edge by providing a complete solution including expert technical support, comprehensive DSP development tools, and an independent network of third party developers called the DSP Collaborative™. For more information about ADI DSPs, visit **www.analog.com/dsp** .

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Ordering Information

Please call Analog Devices DSP Tools Product Line at 603/883-2430 or your local ADI sales representative or distributor for pricing and ordering information for part number: **ADDS-HPPCI-ICE**.

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