

Apex-ICE USB-Based Emulator for Analog Devices JTAG DSPs.

Key Features

Attributes

- Small hand-held unit
- Small diameter cable 5 meters in length for difficult-to-reach targets
- Supports ADI's SHARC® DSP, TigerSHARC® DSP, Blackfin™ DSP, and new JTAG DSPs
- CE-certified

System Requirements

- Pentium® 166 MHz or higher
- Minimum of 32 megabytes of PC-AT memory
- Windows 98 or Windows 2000
- One full-speed USB port



Overview

The Apex-ICE™ system is a Universal Serial Bus (USB)-based DSP emulator. This emulator provides a portable solution designed to support Analog Devices (ADI) JTAG DSPs. The Apex-ICE emulator provides a simple, efficient method to connect the DSP emulator to today's desktop or laptop PCs via a USB port. The simple plug-and-play architecture of USB allows the Apex-ICE to be automatically detected and configured by the host operating system. It can also be connected and disconnected from the host without opening the PC or turning off the power to the PC. A five meter (15 foot) cable connects the Apex-ICE to the host PC, thus providing abundant accessibility.

As a bonus, customers in an environment that does not allow them to open their PCs without IS support will find the Apex-ICE eliminates the need to obtain that help, and thus can be easily moved from the lab, to the local desktop, to the laptop.

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

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 offers a wide range of DSP solutions from low-power 16-bit DSPs (ADSP-21xx family) to high-performance 32-bit SHARC® and Blackfin™ DSPs. Our advances in design give you faster processing, more memory, lower power consumption, and simplified system integration. We give you a competitive edge by providing a complete solution, including expert technical support, comprehensive DSP development tools, and an independent network of third party, DSP Collaborative™ partners.

DSP Tools Support

Tel: 1-800-ANALOGD

Email:

North America: dsptools@analog.com

Europe: dsp.europe@analog.com

Web: www.analog.com/dsp/tools

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-APEX-ICE**.

Worldwide Headquarters

One Technology Way
P.O. Box 9106
Norwood, MA 02062-9106
U.S.A.
Tel: 781 329 4700,
(1 800 262 5643, U.S.A. only)
Fax: 781 326 8703
www.analog.com

Analog Devices GmbH

Am Westpark 1-3 D 81373
München, Germany
Tel: 49 89 76903-0
Fax: 49 89 76903-157

Japan Headquarters

New Pier Takeshiba
South Tower Building
1-16-1 Kaigan, Minato-ku
Tokyo 105-6891, Japan
Tel: 3 5402 8200
Fax: 3 5402 1063

Southeast Asia Headquarters

4501 Nat West Tower
Times Square
1 Matheson Street
Causeway Bay
Hong Kong, PRC
Tel: 852 2 506 9336
Fax: 852 2 506 4755

www.analog.com/dsp/tools



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Printed in the U.S.A.
H02827-.8-3/02 (A)