

# EZ-ICE Serial Emulator for Analog Devices ADSP-218x Family of DSPs.

## Key Features

### Attributes

- Support for ADSP-218x family of processors
- High-speed RS-232 serial port
- Shielded enclosure with reset switch accessibility
- I/O voltage setting confirmation LEDs
- Support for 2.5, 3.3, and 5.0 volt DSPs
- CE-certified

### System Requirements

- Pentium® 166 MHz or higher
- Minimum of 32 megabytes of RAM
- Windows® 98, Windows 2000, or Windows NT 4.0
- One RS-232 compatible serial slot



## Overview

The ADSP-218x DSP family EZ-ICE® serial emulator system provides state-of-the-art emulation for Analog Devices (ADI) ADSP-218x family of DSPs by providing a controlled environment for observing, debugging, and testing activities in a target system. The EZ-ICE connects directly to the target processor through the emulation interface port. It's ease of use, full speed emulator, and shielded board makes your design process run smooth. Debugger available for the ADSP-218x EZ-ICE is ADI's VisualDSP++™ development environment. Software 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/](http://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](mailto:dsptools@analog.com)

Europe: [dsp.europe@analog.com](mailto:dsp.europe@analog.com)

Web: [www.analog.com/dsp/tools](http://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-218X-ICE-2.5V**.

### 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](http://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](http://www.analog.com/dsp/tools)



SOLUTIONS THAT MAKE YOUR DESIGN CHALLENGE EASIER

© 2002 Analog Devices, Inc. The Analog Devices' logo, SHARC, SHARC logo, TigerSHARC, and the TigerSHARC logo are registered trademarks; DSP Collaborative, DSP Collaborative logo, CROSSCORE, CROSSCORE logo, VisualDSP++, VisualDSP++ logo, Blackfin DSP, Blackfin DSP logo, Summit-ICE, Apex-ICE, and EZ-KIT Lite are trademarks of Analog Devices, Inc. All other brand and product names are trademarks or service marks of their respective owners.

Printed in the U.S.A.  
H02556-8-3/02 (C)