

EZ-KIT Lite for Analog Devices ADSP-BF535 Blackfin Processor

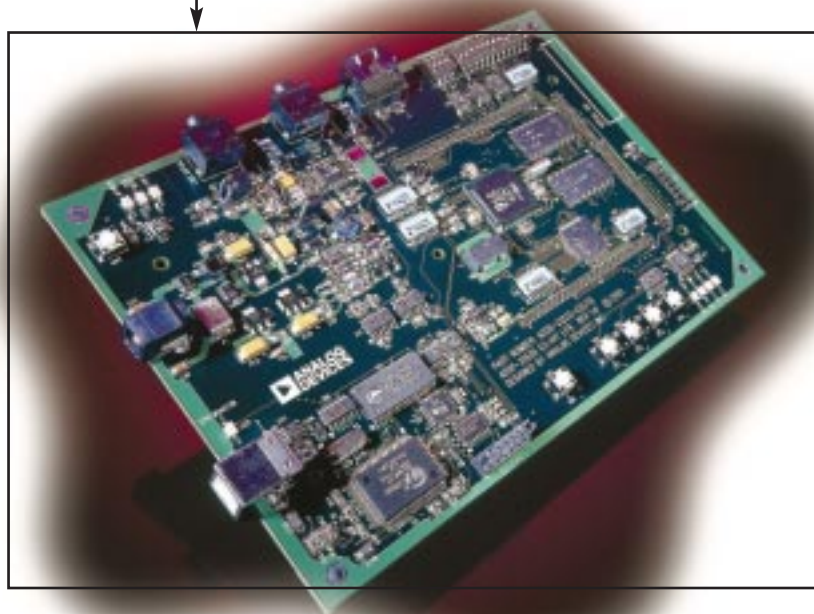
Key Features

Attributes

- ADSP-BF535 Blackfin Processor
- 4M x 32-bit SDRAM
- 272K x 16-bit FLASH memory
- AD1885 48 kHz AC'97 SoundMax[®] codec
- Power management capability
- JTAG ICE 14-pin header
- Evaluation suite of VisualDSP++
- Three 90-pin connectors for analyzing and interfacing with the processors peripheral interfaces
- CE Certified

System Requirements

- Pentium[®] 166 MHz or higher
- Minimum of 32 MB of RAM
- Windows[®] 98, Windows 2000, or Windows XP
- One USB port



Overview

The ADSP-BF535 EZ-KIT Lite[®] provides developers with a cost-effective method for initial evaluation of the ADSP-BF535 Blackfin[®] Processor. The EZ-KIT Lite includes an ADSP-BF535 Processor desktop evaluation board and fundamental debugging software to facilitate architecture evaluations via a USB-based PC-hosted tool set. With this EZ-KIT Lite, users can learn more about ADI's ADSP-BF535 hardware and software development and prototype applications. The ADSP-BF535 EZ-KIT Lite provides an evaluation suite of the VisualDSP++[™] development and debugging environment with C/C++ compiler, advanced plotting tools, statistical profiling, VisualDSP++ Component Software Engineering (VCSE), and the VisualDSP++ Kernel (VDK). Other features of VisualDSP++ include; assembler, linker, libraries, and splitter. VisualDSP++ offers programmers a powerful programming tool with flexibility that significantly reduces the time-to-market. The VisualDSP++ software included with the EZ-KIT Lite is limited in program memory size for use solely with the EZ-KIT Lite product.

Analog Devices' CROSSCORE Tools

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

The CROSSCORE components include the VisualDSP++ software development and debugging environment, EZ-KIT Lite evaluation systems, and emulators for rapid on-chip debugging. VisualDSP++ is an integrated software development and debugging 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 Embedded Processors and DSPs to develop applications.

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

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

Embedded Processors and DSPs

Analog Devices is a leading supplier of digital signal processing solutions, from the low power ADSP-21xx DSP Families, to the high-performance Blackfin® Processors, TigerSHARC® Processors, and SHARC® 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 development tools, and an independent network of third party developers called the DSP Collaborative™. For more information about ADI processors and DSPs, visit www.analog.com/processors.

CROSSCORE Tools Support

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Ordering Information

Please call Analog Devices CROSSCORE Tools at 603/883-2430, your local ADI sales representative or distributor for pricing and ordering information for part number: **ADDS-BF535-EZLITE**.

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