

EZ-KIT Lite for Analog Devices ADSP-218x M-Series DSP Family.

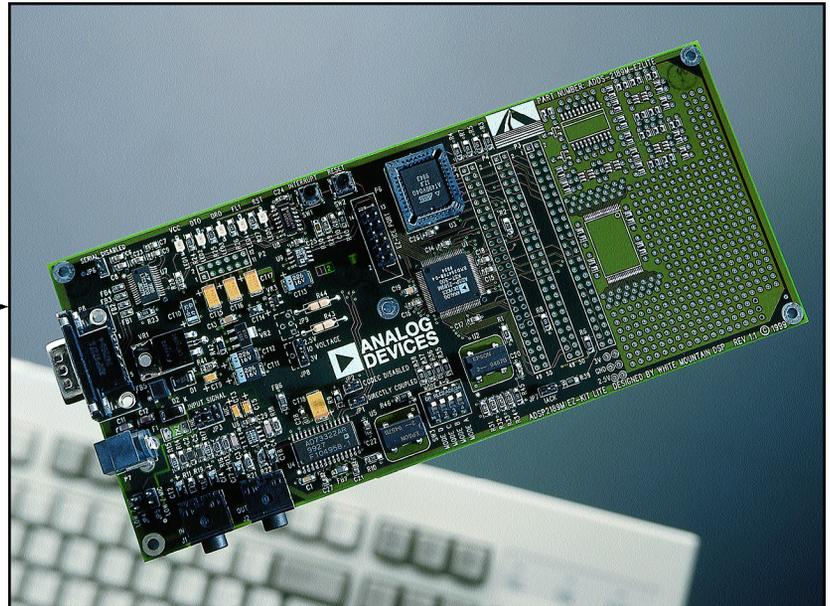
Key Features

Attributes

- ADSP-2189M DSP
- Supports ADSP-218x DSP family
- RS-232 interface port
- Expansion connector
- Evaluation suite of VisualDSP++™
- Support for 2.5, 3.3 volt I/O
- CE-certified

System Requirements

- Pentium® 166 MHz or higher
- Minimum of 32 megabytes of PC-AT memory
- Windows® 98, Windows 2000, or Windows NT 4.0
- One RS-232 compatible serial port



Overview

The ADSP-2189M EZ-KIT Lite™ consists of a stand-alone ADSP-2189M DSP based evaluation board with fully functional code generation and debug software. This product facilitates evaluation of the DSP architecture as well as the complete tool set for Analog Devices ADSP-2189M family. With this EZ-KIT Lite, users can learn about ADSP-2189M hardware and software development and prototype applications. The ADSP-2189M EZ-KIT Lite has a complete set of VisualDSP++ development tools including a C compiler, assembler, and linker. All software tools are limited to use with the EZ-KIT Lite product and program memory is limited.

Demonstration programs shipped with this EZ-KIT Lite system include common signal processing algorithms such as convolution, and Fibonacci calculations. Programs that demonstrate the use of the hardware features of the ADSP-2189M DSP are provided including interrupts, overlays, timers, and the on-board codec.

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

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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-2189M-EZLITE**.

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