# EZ-KIT Lite for Analog Devices ADSP-21065L SHARC DSP
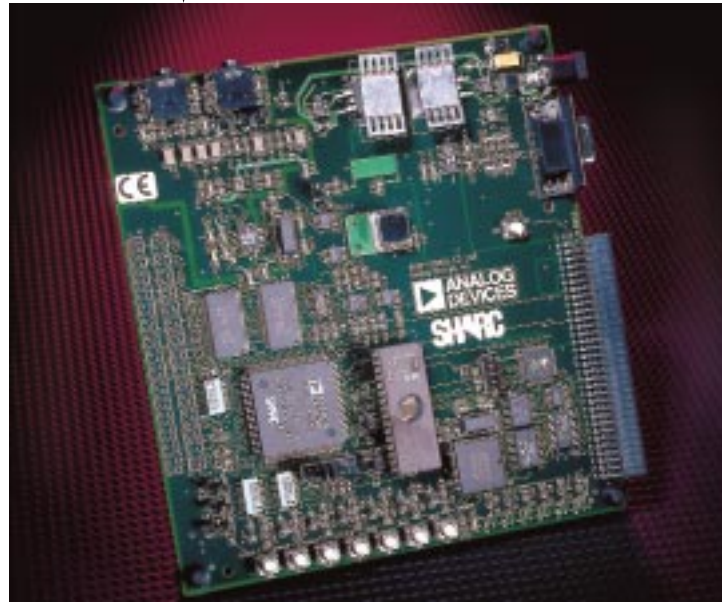


## Key Features

**Attributes**
- ADSP-21065L SHARC DSP
- AD1819A full duplex, 16-bit stereo audio codec
- Socketed EPROM
- SDRAM
- EMAFE connector
- RS-232 interface
- Evaluation suite of VisualDSP++
- CE Certified

**System Requirements**
- Pentium® 166 MHz or higher
- Minimum of 32 megabytes of RAM
- Windows® 98, Windows 2000, Windows XP, or Windows NT 4.0
- One RS-232 compatible serial port

## Overview

The ADSP-21065L EZ-KIT Lite® is an evaluation kit for Analog Devices' (ADI) ADSP-21065L SHARC® DSP. The hardware evaluation board is specifically tuned to the features of the ADSP-21065L. For example, the on-board SDRAM allows developers to benchmark code that uses the ADSP-21065L's SDRAM controller. In addition, the ADSP-21065L EZ-KIT Lite includes a limited version of VisualDSP++ allowing users to evaluate the development tools suite for the Analog Devices' SHARC DSP. These tools can be used to create projects for evaluating and learning about ADSP-21065L hardware and software development and prototype applications. All software tools are limited to use with the EZ-KIT Lite product.

Demonstration programs shipped with the EZ-KIT Lite allow you to become proficient at using the development tools and familiar with the features of the ADSP-21065L.

## 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 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

Tel: 1-800-ANALOGD
Email: **dsptools@analog.com**
Web: **www.analog.com/processors/tools**

## 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-21065L-EZLITE**.

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