

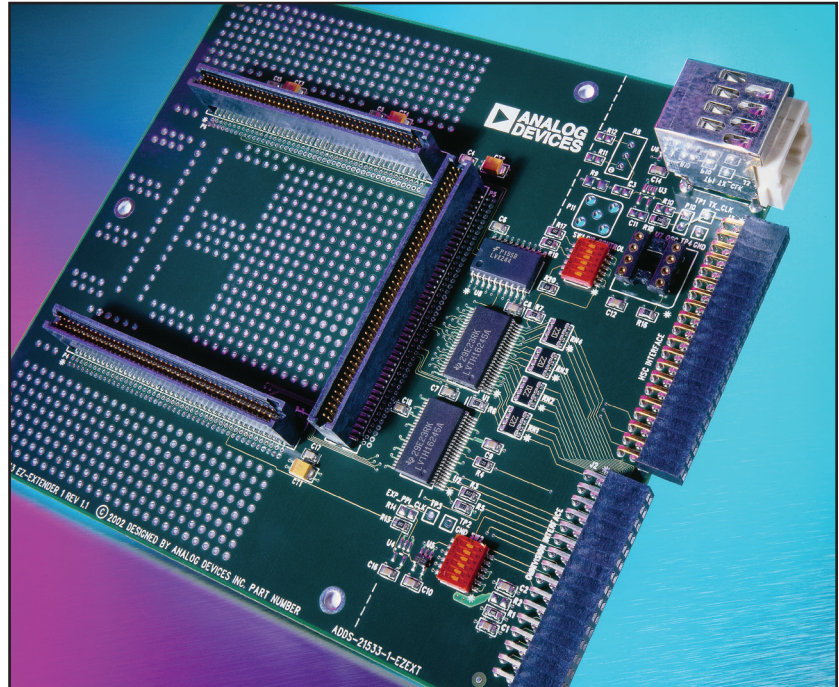
# Blackfin EZ-Extender for ADSP-BF533 EZ-KIT Lite and ADSP-BF561 EZ-KIT Lite

## Key Features

- Expansion interface for connecting to ADSP-BF533 EZ-KIT Lite and ADSP-BF561 EZ-KIT Lite
- OmniVision camera interface for connecting to OmniVision OV6630AA digital camera evaluation board
  - 32-pin, 0.1" spacing, right angle, female socket connector
- Analog Devices High Speed Converter (HSC) interface for connecting to HSC evaluation boards (ADC, mixed-signal, and DAC)
  - 40-pin, 0.1" spacing, right angle, female connector
  - 40-pin, 0.1" spacing, male connector
- External LCD display interface
  - 32-pin, right angle FLZ-type connector
- RJ45 connector for providing SPI signals for configuring converter registers
- SMT footprint area
  - 1206 and 805 footprints
  - SOIC24 and SOIC20 footprints
- Dimensions
  - 5" (H) x 5" (W)

## System Requirements

- ADSP-BF533 EZ-KIT Lite or ADSP-BF561 EZ-KIT Lite



## Overview

The Blackfin® EZ-Extender™ daughter board allows developers to connect the Parallel Peripheral Interface (PPI) on the ADSP-BF533 EZ-KIT Lite™ and the ADSP-BF561 EZ-KIT Lite to a number of Analog Devices High Speed Converter (HSC) evaluation boards (ADC, mixed-signal, and DAC), the OV6630AA OmniVision camera evaluation board, and an external LCD display. The Blackfin EZ-Extender also provides developers breadboard area and the ability to access all of the pins on the ADSP-BF533 EZ-KIT Lite and the ADSP-BF561 EZ-KIT Lite expansion interfaces.

Applications and information about the use and connection of the various interfaces on the Blackfin EZ-Extender are available from Analog Devices.

## CROSSCORE Development Tools

The Blackfin EZ-Extender is part of the Analog Devices CROSSCORE® Tools product line, which is composed of a comprehensive set of development tools providing engineers with easier and more robust methods for developing and optimizing systems.

### The CROSSCORE components include:

- VisualDSP++™ development and debugging environment
- EZ-KIT Lite evaluation kits
- EZ-Extender daughter boards
- Emulators

The easy-to-use VisualDSP++ integrated development environment speeds development, debugging, and deployment while shrinking product development cycles and improving time to market.

The EZ-KIT Lite evaluation kits provide an easy way to investigate the performance of Analog Devices' family of embedded processors and DSPs.

EZ-Extender daughter boards give developers access and ability to connect various peripherals from Analog Devices and third parties to the expansion interface of the EZ-KIT Lite evaluation kits.

Emulators are available for both PCI and USB host platforms for rapid on-chip debugging.

## Embedded Processors and DSPs

Analog Devices is a leading supplier of embedded and digital signal processing solutions, from the low power ADSP-21xx DSP families to the high performance Blackfin and TigerSHARC® Processors, and from the low cost SHARC® DSPs to integrated mixed-signal DSPs that are ideal for an ever-increasing spectrum of applications. Analog Devices' advances in design provide faster processing, more memory, lower power consumption, and simplified system integration. Analog Devices' products and technology provide a competitive edge, complete with expert technical support, comprehensive development tools, and the DSP Collaborative™, an independent network of third-party developers. For more information about Analog Devices' processors and DSPs, visit [www.analog.com/processors](http://www.analog.com/processors).

### CROSSCORE Tools Support

Tel: 1-800-ANALOGD  
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Web: [www.analog.com/processors/tools](http://www.analog.com/processors/tools)

Analog Devices is committed to providing high quality, timely, accurate, and free technical support and software upgrades.

### Ordering Information

Please call Analog Devices CROSSCORE Tools at 603-883-2430 or your local Analog Devices sales representative or distributor for pricing and ordering information for part number: ADDS-BF-EZEXT-1.

## Embedded Processing Support

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