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Audio Starter Kit

The Blackfin audio starter kit provides you everything you need to get started on an audio application. Using an ADSP -BF537 Blackfin EZ-KIT Lite and EZ-Extenders daughter card(s) to perform audio ... [More](#)

Part Number: ADZS-BF537-ASKIT
Available: Now

Quick Links
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Development Tools
VisualDSP++

Easy-to-use integrated software development and debugging environment (DDE)...

Blackfin Evaluation Kits

EZ-KIT Lite evaluation kits provide developers with a cost-effective method...

Starter Kits

Starter kits provide you with an EZ-KIT Lite evaluation kit and EZExtender...

USB Emulators

Rapid on-chip debugging allows developers to load code, set breakpoints, an...

Resources
[Board Design Database](#)
[Contact Support](#)
[Download the SDK](#)
[DSP Knowledgebase](#)
[Software Modules](#)
Features

SDK CD with application audio processing code, audio algorithms (e.g. MP3 and AAC) and more...

USB-LAN EZ-Extender® daughter board

Audio EZ-Extender® daughter board

ADSP-BF537 EZ-KIT Lite® evaluation board, with evaluation version VisualDSP++ ®

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Picture is for illustrative purposes only. Actual hardware details below.

SDK Contents
Audio algorithms, including:

MP3 decoder

AAC decoder

Audio and Multimedia utilities
Application notes
High-speed Blackfin and PC communication drivers and utilities
Device drivers, including:

AD1938 Stereo Codec

ADAV801 S/PDIF

AD1871 ADC

AD1836 Stereo audio codec

AD1854 DAC

And several others

Applications with Source Code:

Audio playback

Audio encoding

Others available in VisualAudio

Hardware
EZ-KIT Lite:

[ADSP-BF537 EZ-KIT Lite® \(evaluation board with evaluation version of VisualDSP++ ®\)](#)

EZ-Extenders:

[Blackfin USB-LAN EZ-Extender Daughter Board](#)

[Blackfin Audio EZ-Extender Daughter Board](#)

Kit Requirements

[USB-LAN EZ-Extender daughter board](#)

[Audio EZ-Extender daughter board](#)

[Download VisualDSP++ 5.0](#)

[Download the SDK](#)

Minimum Requirements

256 megabytes of RAM

Pentium® 500 MHz

1 GB hard disk

Two USB connectors

VisualDSP++ 5.0 for Blackfin Processors and Update 1

SDK 2.10 and higher

Pricing, Packaging & Availability
[Print Table](#)
Audio Starter Kit Model Options

Model	Status	Package	Pins	Temp. Range	Price* (1000 pcs.)	Production** Availability	ROHS Compliant	Samples Cart	Purchase Cart
ADZS-BF537-ASKIT	Prodn	DEVELOPMENT SOFTWARE	-	Comm.	10/24/2008		Y	Contact ADI	Add To Cart

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**Sample availability may be better than production availability. Please enter samples into your cart to check sample availability.

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