



Media Player Starter Kit

The Blackfin media player starter kit provides you everything you need to get started on a media player application using a Blackfin EZ-KIT Lite and included software to perform audio and graphic ...[More](#)

Part Number: ADZS-BF527-MPSKIT or ADZS-BF548-MPSKIT

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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 EZ-Extender...

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

Resources

- [Board Design Database](#)
- [Contact Support](#)
- [DSP Knowledgebase](#)
- [EngineerZone : DSP Support Forum](#)
- [Press Releases](#)
- [Software Modules](#)

Features

SDK CD with example image and video processing code, multimedia algorithms (e.g. JPEG, AAC and others), graphics libraries and more. ADSP-BF527 EZ-KIT Lite® or ADSP-BF548 EZ-KIT Lite® evaluation board with evaluation version VisualDSP++®



For illustrative purposes only. See below for actual hardware contents.

SDK Contents

Multimedia algorithms, including:

- JPEG encoder and decoder and documentation
- AAC decoder and documentation
- MP3 decoder and documentation

Video and image processing utilities

Relevant Application Notes
High-speed Blackfin and PC communication drivers and utilities

Device drivers, including:

- AD1980 Stereo/Mono audio codec
- NL6448 LCD display

Applications with Source Code:

- Use of Micrium's uC/OS-II embedded operating system
- Render to the onboard LCD screen
- Audio decoding
- Use of SD memory and on board hard drive (if applicable)
- Use of files system to read and access directories and files
- Use of threads to process user input from onboard devices while playing out media data

Kit Requirements

EZ-KIT Lite:

- [ADSP-BF527 EZ-KIT Lite](#) (evaluation board with evaluation version of VisualDSP++®)
- [ADSP-BF548 EZ-KIT Lite](#) (evaluation board with evaluation version of VisualDSP++®)

- [Download the SDK](#)
- [Download VisualDSP++ 5.0](#)

Minimum Requirements

- 512 megabytes of RAM
- Pentium® 1 GHz
- 2 GB hard disk
- VisualDSP++ 5.0 for Blackfin Processors and Update 6
- SDK 3.11 or higher

Pricing, Packaging & Availability

[Print Table](#)

Media Player Starter Kit Model Options

Model	Status	Package	Pins	Temp.	Price*	Production**	ROHS	Samples	Purchase
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				Range	(1000 pcs.)	Availability	Compliant	Cart	Cart
ADZS- BF527- MPSKIT	Prodn	EVALUATION BOARDS	-	Comm.	\$900.00	-	Y	Contact ADI	Add To Cart
ADZS- BF548- MPSKIT	Prodn	EVALUATION BOARDS	-	Comm.	\$1,000.00	07/17/2009	Y	Contact ADI	Add To Cart

*The USA list pricing shown is for BUDGETARY USE ONLY, shown in United States dollars (FOB USA per unit for the stated volume), and is subject to change. International prices may differ due to local duties, taxes, fees and exchange rates. For volume-specific price or delivery quotes, please contact your local Analog Devices, Inc. sales office or authorized distributor. Pricing displayed for Evaluation Boards and Kits is based on 1-piece pricing.

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

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