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## New Product Announcement

# Analog Devices Blackfin ADZS-BF706-EZMINI Audio Evaluation Board Now at Mouser

**April 27, 2015** – [Mouser Electronics](http://www.mouser.com), Inc., the global authorized distributor with the newest semiconductors and electronic components, is now stocking the [ADZS-BF706-EZMINI Mini Evaluation Board](#) from [Analog Devices](#). The ADZS-BF706-EZMINI Mini Evaluation Board aids in the development and testing of the 32-bit, 400 MHz [ADSP-BF706 Blackfin DSP](#) that delivers 800 MMACS of processing power at less than 100 mW. This mini evaluation board contains all the communication interfaces and external connections needed for DSP audio application design, including an Arduino-compatible interface.

The [Analog Devices' ADZS-BF706-EZMINI Mini Evaluation Board](#), available from Mouser Electronics, offers a complete, small-form-factor, low-cost starter platform for evaluation of the ADSP-BF706 Blackfin DSP processor. The ADZS-BF706-EZMINI features on-board, high-quality audio I/O, 1,160 KBytes of on-chip internal SRAM, 4 MBytes of quad SPI Flash and connections for EPPI0, SPORT, SPI, I<sup>2</sup>C, and general-purpose I/O (GPIOs). The USB bus-powered board also features an on-board JTAG/SWD debug port through a separate USB interface, and an [ADAU1761 SigmaDSP®](#) low power stereo audio codec. The ADZS-BF706-EZMINI board also accommodates the installation of [0.1-inch stackable headers](#) for interfacing with [Arduino-compatible shields](#) that are compliant with the Arduino™ Uno R3 shields interface.

When used with the Analog Devices CrossCore Embedded Studio (CCES), the ADZS-BF706-EZMINI Mini Evaluation Board offers advanced application code development and real-time debug capabilities. The CCES development environment allows designers to create, compile, assemble, and link application programs written in C, C++, and assembly code. The software package also includes DSP Concepts' graphical-based Audio Weaver software tool that provides a full-featured audio module library with efficient code generation and profiling.

The Mini Evaluation Board and ADSP-BF706 Blackfin processor targets power-sensitive embedded applications from [portable audio to sound processing and effects](#).

To learn more, about the ADZS-BF706-EZMINI Mini Evaluation Board, visit <http://www.mouser.com/new/Analog-Devices/analog-adsp-bf706-board/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

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### **About Analog Devices**

Analog Devices has built one of the longest standing, highest growth companies within the technology sector utilizing cultural pillars such as innovation, performance, and excellence. Acknowledged industry-wide as the world leader in data conversion and signal conditioning technology, Analog Devices serves over 100,000 customers, representing virtually all types of electronic equipment. Celebrating over 40 years as a leading global manufacturer of high-performance integrated circuits used in analog and digital signal processing applications, Analog Devices is headquartered in Norwood, Massachusetts, with design and manufacturing facilities throughout the world. Analog Devices' is included in the S&P 500 Index.

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