

EVAL-BF609-EZ

ADSP-BF609 Evaluation Hardware for the ADSP-BF60x Blackfin Processor Family

Overview

System Requirements

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Evaluation Kit Manuals

Rev. 1.1

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Features

Parts on PCB

- ADSP-BF609 Blackfin processor
- ADM708 voltage monitoring microprocessor supervisory circuit
- ADM3315 serial port transceiver
- ADP1864 constant frequency current-mode step-down dc-to-dc controller
- ADP1715 low-dropout cmos linear regulator with soft start
- ADM1032 voltage and thermal monitor
- ADP2119A synchronous step-down dc-to-dc regulator
- On-processor memory: 64Mx16 bit (1Gbit) DDR2 memory, 16M x 16-bit Burst flash memory, 32Mbit Quad SPI flash memory.
- Interfaces: 10/100 Ethernet PHY, UART, CAN, USB Debug Agent Interface, Expansion Interface III, Standalone Debug Agent 2 (SADA2).
- Accessories: 2GB SD CARD, Ethernet Cable, 5-in-1 USB Cable Set, Power Supply

- ADSP-BF606
- ADSP-BF607
- ADSP-BF608
- ADSP-BF609

Product Details

The ADSP-BF609 Evaluation Hardware provides a low cost hardware solution for users to evaluate the Analog Devices dual core Blackfin processor, 500 MHz/1000 MMACs each (2000 MMACs total) ADSP-BF60x... [Show More..](#)

System Requirements

- Windows XP Professional SP3 (32-bit only).
- Windows Vista Business/Enterprise/Ultimate SP2 (32-bit only). It is recommended to install the software in a non-UAC-protected location.
- Windows 7 Professional/Enterprise/Ultimate (32 and 64-bit). It is recommended to install the software in a non-UAC-protected location.
- Minimum of 2 GHz single core processor, 3.3 GHz dual core is recommended.
- Minimum of 1 GB memory (RAM), 4 GB is recommended.
- Minimum of 2 GB hard disk (HDD) space is required.
- CrossCore Embedded Studio for Analog Devices Processors.

Documentation

1 See All

1 Evaluation Kit Manuals

ADSP-BF609 EZ-KIT Lite Evaluation System Manual (Rev. 1.1)

PDF

1754 kB

Software

11 See All

2 Product Downloads

8 Software Modules

1 Software Development Tools

Blackfin Processors Software and Tools

Past Releases

Download Board Support Package Software for BF609 EZ-Kit (Release 1.0.2)

Download Release Notes for BF609 EZ-Kit Board Support Package

IMAGING

JPEG Encoder

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Blackfin 2D Graphics Library (BF2DGL-OCV)

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MPEG-4 SP/ASP Decoder

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H.264 Baseline Profile Encoder

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Blackfin 2D Graphics Library (BF2DGL)

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Blackfin Video Occupancy Sensor

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Blackfin Image Processing Toolbox

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Blackfin Vision Analytics Toolbox (VAT)

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CrossCore® Embedded Studio for Analog Devices Processors

Related Hardware

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EI3 SDP Breakout Board

Reviews

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Evaluation Boards

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Model	Description	Price	RoHS
ADZS-BF609-EZBRD	EZ Board for Blackfin BF60x family	\$285.00	Yes
ADZS-BF609-EZLITE	EZ Kit for Blackfin BF60x family	\$349.00	Yes

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