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ADSP-BF548 EZ-KIT Lite® Evaluation Kit for the ADSP-BF54x Blackfin Family

Product Description

The ADSP-BF548 EZ-KIT Lite® provides developers with a cost-effective method for initial evaluation of the ADSP-BF54x Blackfin® Processors via a USB-based, PC-hosted tool set. With this EZ-KIT Lite, users can learn more about the Analog Devices (ADI) ADSP-BF548 hardware and software development, and quickly prototype a wide range of applications.

The EZ-KIT Lite includes an ADSP-BF548 Blackfin Processor desktop evaluation board along with an evaluation suite of the VisualDSP++® development and debugging environment, including the C/C++ compiler, assembler, and linker. The evaluation suite of VisualDSP++ is designed to be used with the EZ-KIT Lite only.

The EZ-KIT Lite ships with a 4x4 Keypad, Optical Thumbwheel, QVGA Touch Screen LCD and a 40 Gigabyte Hard Drive.

Features:

- **ADSP-BF548 Processor:** 400 Ball mBGA, 600MHz; 25 MHz CLKIN oscillator
- **DDR SDRAM:** 64 MB (8M x 16) Micron MT46V32M16
- **BURST Flash:** 32 MB (16M x 16) Intel C28F128K3C115
- **NAND Flash:** 2 Gb ST Micro NAND02
- **SPI Flash:** 16 Mbit ST M25P16
- **Hard Drive:** Toshiba MK4032GAX 40GB 2.5" drive
- **AC'97 CODEC:** AD1980 5.1 Surround Codec
- **TFT LCD Display with Touch Screen:** SHARP LQ043T1DG01, 480 X 272, 4.3 inch Touch Screen LCD; AD7877 Touch Screen Controller
- **Ethernet:** SMSC MAC/PHY LAN9218
- **Keypad:** ACT Components, ACT-07-30008-000-R 4x4 Keypad assembly
- **Thumbwheel:** CTS Corp 290UAB0R201B2, Rotary Encoder
- **UART:** ADM3202 RS-232 line driver/receiver; DB9 female connector,
- **USB Debug Agent and JTAG Header**
- **Connectors:** HS USB OTG; SD Memory; CAN (2); HOST; Expansion Interface (3); STAMP Interface (7)
- **RTC Battery**

- **LEDs:** 10 LEDs: 1 power (green), 1 board reset (red), 1 USB (red), 6 general purpose (amber) and 1 USB monitor (amber)
- **Push Buttons:** 5 push buttons w/ debounce logic: 1 reset, 4 programmable flag

Ordering Information

Part number: ADZS-BF548-EZLITE

CROSSCORE® Tools Support

Tel: 1.800.ANALOGD

[Contact Support](#)