CIRRUS LOGIC®

EDB9302A-Z

Embedded Processor Development System for EP9301 and EP9302
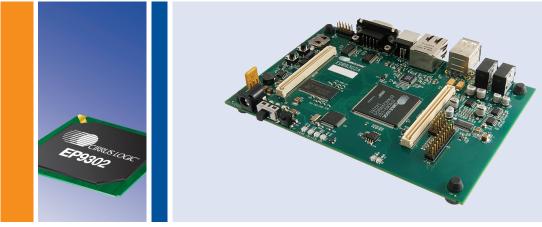
EDB9302A-Z Platform Features

- EP9302 processor

- Linux and Microsoft Windows WinCE 5.0 and 6.0 Operating Systems

- 64 MB of SDRAM

- 16 MB of Flash memory

- Serial EEPROM interface

- JTAG

- Two full-speed USB host connections

- USB 2.0 high-speed device (via external chip)

- Two UARTs (one with DB9 connector and one attached to 5x2 headers)

- Two-channel 24-bit audio output

- 10/100 Mbps Ethernet

- Memory bus and peripheral bus expansion connectors

- External battery backed RTC

- Lead free design

Economical Networked SOC Solution

The EDB9302A-Z provides design engineers with a complete kit – hardware, software, and drivers – and is optimized for use with the impressive selection of peripherals integrated on the EP9302 ARM9™-based embedded processor from Cirrus Logic. By fully leveraging this complete system environment, designers can reduce development costs and accelerate time to market.

This development system is ideal for processing-intensive networked based applications that require cost reduction through a high level of chip integration.

The EP9302 features include a hardware floating point unit, 10/100 Ethernet and two USB host connections. Additionally, the EP9302 features high-quality audio.

EDB9302A-Z Key Features

- A complete Linux® Operating System with drivers (source code included)

- BSP for Microsoft® Windows® WinCE® 5.0 and 6.0 Operating System with drivers included

- Full-featured EP9302-based development board with generous peripheral selection

- Evaluation copies of popular tools

- Schematics and Gerbers

- +12 V power supply, cables and documentation

- Expansion connectors

Applications such as Internet radio, point-of sale terminals, industrial and building controls, jukeboxes, telematic control systems, set-top boxes, biometric security systems, lottery machines, fitness equipment, security systems, networked camera, MP3 mixer, GSM modem and VOIP will benefit from the system's integrated architecture and advanced features.

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