Embedded Processor Development System for EP9301 and EP9302

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.

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 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

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