EDB9307

EDB9307 PLATFORM SUPPORTS

- EP9307 processor
- Linux and Microsoft Windows WinCE 4.2 and 5.0 Operating Systems
- 64 MB of SDRAM
- 32 MB of Flash memory
- Serial EEPROM interface
- 512 KB SRAM
- Real Time Clock
- 2D graphics accelerator
- Video Raster / LCD interface to provide data and interface signals for a variety of display types
- Four-wire touchscreen interface
- Supports analog VGA connection
- Video encoder supports composite video output and S-VIDEO output
- Three full-speed USB host connections
- Two UARTs
- Up to six-channel 24-bit audio output
- AC '97 audio
- 10/100 Mbps Ethernet
- IR Receiver
- JTAG
- Memory bus expansion connector

EDB9307

Embedded Processor Development System for EP9307

Networked Embedded Processor with Powerful Graphics and User Interface

The EDB9307 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 EP9307 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 high-performance applications that require a powerful user-interface and cost-reduction through a high level of chip integration.

The EP9307 features include a hardware floating point unit, 10/100 Ethernet, and three USB host connections. Additionally, the EP9307 features a 2D graphics accelerator, integrated LCD controller, touchscreen, and high-quality audio to enable easy to use products with vibrant multi-media capabilities.

EDB9307 Key Features

- A complete Linux® Operating System with drivers (source code included)
- BSP for Microsoft® Windows® WinCE 4.2 & 5.0 Operating Systems with drivers included
- Full-featured EP9307-based development board with generous peripheral selection and probe pins
- Evaluation copies of popular tools
- Schematics and Gerbers
- Power supply, cables and documentation
- Expansion connector

Applications such as point-of-sale terminals, industrial controls, digital media servers, jukeboxes, telematic control systems, thin clients, set-top boxes, biometric security systems, and GPS devices will benefit from the system's integrated architecture and advanced features.

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