

OVERVIEW

The EP7212 development kit provides a comprehensive set of tools for developing and testing a single chip solution for hand-held devices with audio decoding capability. The EP7212 allows for general purpose microprocessor-based decoding of a wide variety of digital audio compression standards such as MP3 and Microsoft® Windows® Media Technologies 4.0.

The EP7212 development kit is a cost-effective platform that enables designers to rapidly bring hand-held information appliances with digital audio players to market at reduced cost. It is easy to set up and includes all necessary tools required for developing and testing a highly integrated EP7212-based system.

DEVELOPMENT BOARD SPECIFICATIONS

- 74 MHz EP7212 processor with dynamically controllable clock speeds at 18, 36, 49, and 74 MHz
- 16-MB NOR FLASH memory for code/data storage
- 32-MB NAND FLASH for encoded audio data storage
- Smart Media connector for additional NAND FLASH that conforms to SSFDC standard
- Full JTAG scan and Embedded ICE® support for debugging
- EPP parallel port interface
- Telephony codec with microphone input and amplified speaker output
- One serial port
- Digital Audio Interface with 16-bit stereo D/A
- USB device interface (compliant with USB Specification Rev 1.1)
- Event switches for simulating power management events
- Greyscale 640 x 240 backlit touch-screen LCD
- Headers providing access to bus and peripheral control signals
- Expansion bus connector
- IR port (uses one of the serial ports), compatible with IrDA® Standard Specifications

KIT CONTENTS

Hardware

- EP7212 development board
- Null modem cable
- OrCad® 7.2 and PDF board schematics
- Documentation on CD-ROM
- 83-key QWERTY keyboard
- LCD Panel



Software

- ARM® Software Development Toolkit v2.50 (60-day evaluation version) which includes a C compiler, assembler, linker, debugger, ARM® simulator, and project manager - Requires Windows® 95 / Windows® 98 / Windows NT®
- Green Hills Software's MULTI® Software Toolkit (30-day evaluation version)

OPTIONAL THIRD PARTY SUPPORT AND PARTNERS

Development Toolkits

- Cygnus Solutions' GNU™ Toolset
- MetaWare's Embedded Toolset
- Applied Microsystems's CodeTEST™ and NetROM™
- Data Rescue's DA Pro Interactive Dissassembler
- Metrowerks' Just in Time Compiler for JAVA
- Wind River Systems' Tornado™

Operating Systems

- Wind River Systems' VxWorks®
- Cygnus' eCos™
- ATI's Nucleus Plus™
- Symbian's EPOC32
- Linux® support

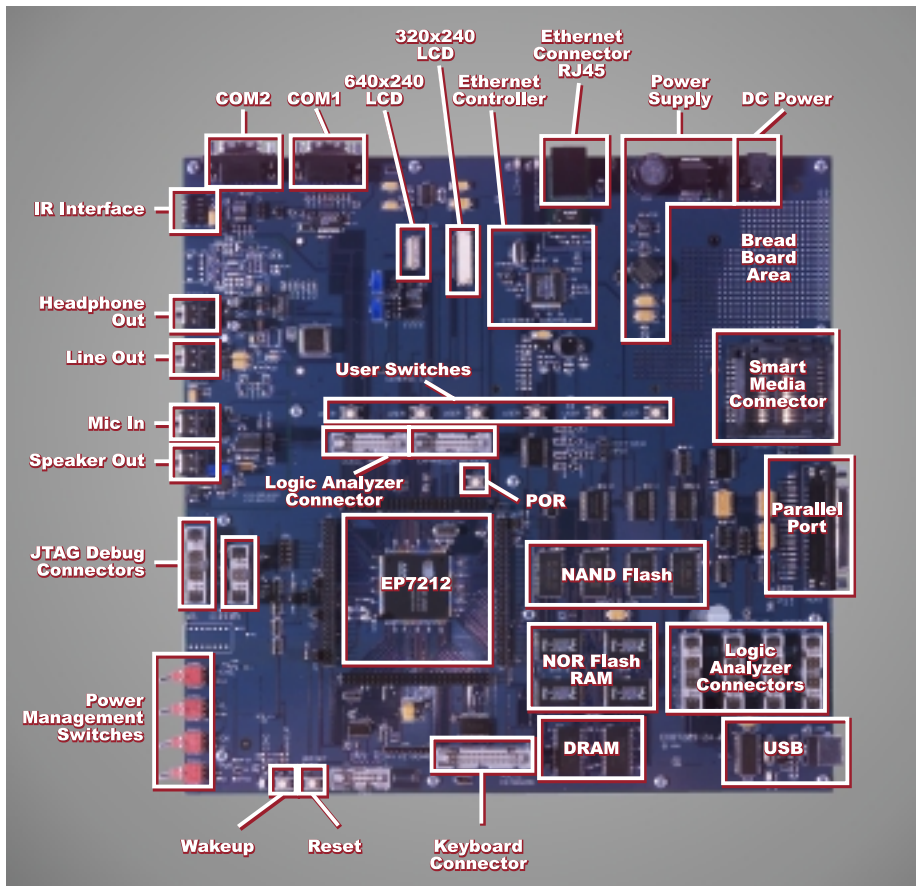
Debuggers/Emulators

- JEENI™ by Embedded Performance, Inc
- Hewlett-Packard® Logic Analyzers

ORDERING INFORMATION

EDB7212-5





Contacting Cirrus Logic Support

For a complete listing of Direct Sales, Distributor, and Sales Representative contacts, visit the Cirrus Logic web site at: <http://www.cirrus.com/corporate/contacts/>

Cirrus Logic Inc. (Nasdaq: CRUS) is a premier supplier of precision linear circuits and advanced mixed-signal chip solutions. The company's products, sold under its own name and the Crystal® product brand, enable system-level applications in mass storage, audio, and precision data conversion.

With more than 800 patents (issued and pending), Cirrus Logic's inventions are substantive, and the company continues to expand its rich intellectual property portfolio through major R&D investments. Nearly half of the company's patents involve mixed-signal technology, which is key to innovating highly integrated system-on-chip solutions. Over the past decade, Cirrus Logic has achieved 70 plus industry firsts with its product introductions. Many of these innovations have set new industry standards within their respective markets.

Cirrus Logic operates from headquarters in Fremont, California and major sites in Austin, Texas and Broomfield, Colorado. Internationally, the company operates from offices in Europe, Japan, and Pacific Asia.

More information about Cirrus Logic and its products can be accessed at the company's world wide web site: www.cirrus.com.

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