

OVERVIEW

The EP7211 development kit provides a comprehensive set of tools for evaluating and developing products based on the Cirrus Logic EP7211. The EP7211 is an ultra-low power high-performance system-on-chip designed for use in applications such as organizers/PDAs, smart cellular phones, and industrial hand-held information appliances. Based on the 74 MHz ARM 720T RISC CPU core, the EP7211 incorporates a full set of system peripherals with embedded ICE and JTAG boundary scan support for advanced debugging capabilities.

The EP7211 development kit is a cost-effective platform that enables designers to rapidly bring products to market. It is easy to set up and includes all necessary tools required for developing and testing a highly integrated EP7211 based system.



DEVELOPMENT BOARD SPECIFICATIONS

- 74 MHz EP7211 processor with dynamically controllable clock speeds of 18, 36, 49, and 74 MHz
- 16-MB FLASH memory
- 16-MB DRAM
- Full JTAG scan and Embedded ICE® support for debugging
- Greyscale 640 x 240 back-light touch-screen LCD
- 83-key QWERTY keyboard
- CS8900A 10BaseT Ethernet controller
- CL-PS6700 PCMCIA controller with one type II socket
- Telephony codec with microphone input and amplified speaker output
- Two standard serial ports
- IR port (uses one of the serial ports), compatible with IrDA® Standard Specifications
- Event switches for simulating power management events
- Additional connectors for different LCD panels
- Connector for SPI/Microwire interface board

KIT CONTENTS

Hardware

- EP7211 development board
- LCD with touch-screen capability
- 83-key QWERTY keyboard
- Null modem cable
- Hardware *User's Guide*
- OrCad® 7.2 and PDF board schematics

Software

- 60-day evaluation version of the ARM® SDK, which includes a C compiler, assembler, linker, debugger, ARM® simulator, and project manager
Requires Windows® 95 / Windows® 98 / Windows NT®
- Libraries (with source code) for driving the on-chip and on-board peripherals
- Source code for example programs that use the peripheral library
- Green Hills Software's MULTI® Software Toolkit (30-day evaluation version)

OPTIONAL THIRD PARTY SUPPORT AND PARTNERS (not included)

Other 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

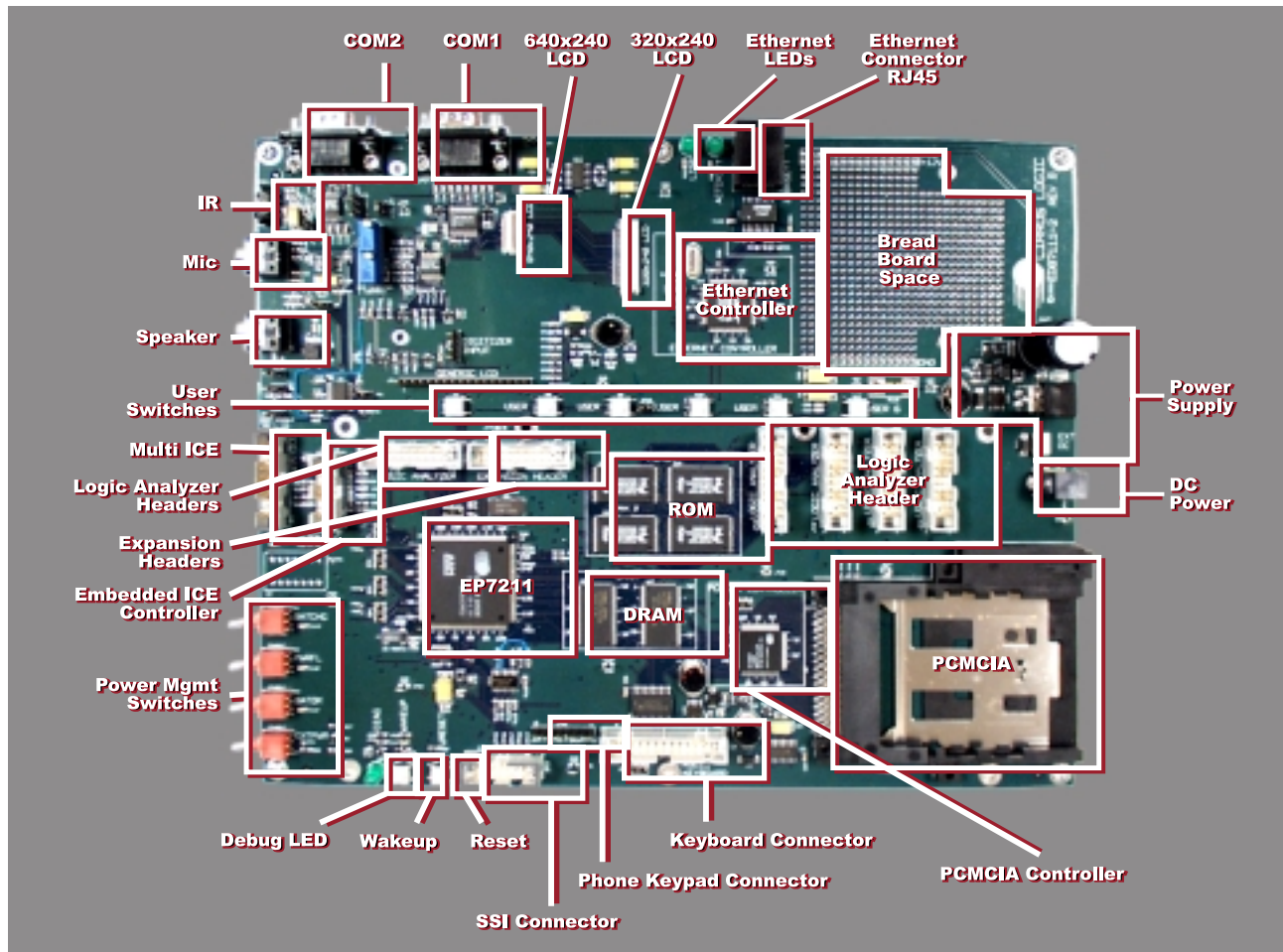
Debuggers/Emulators

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

ORDERING INFORMATION

EDB7211-2





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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