

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.

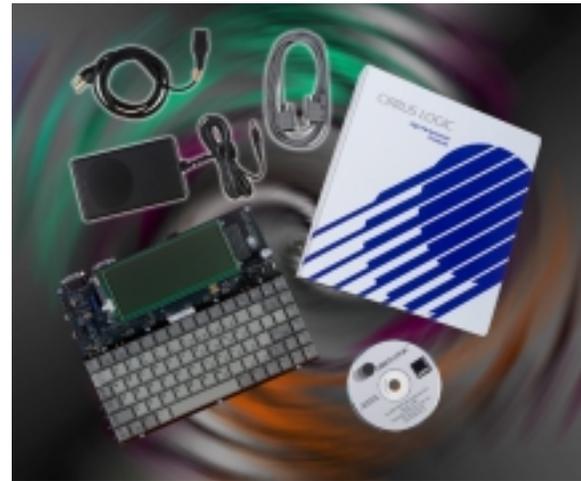
DEVELOPMENT BOARD SPECIFICATIONS

- 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

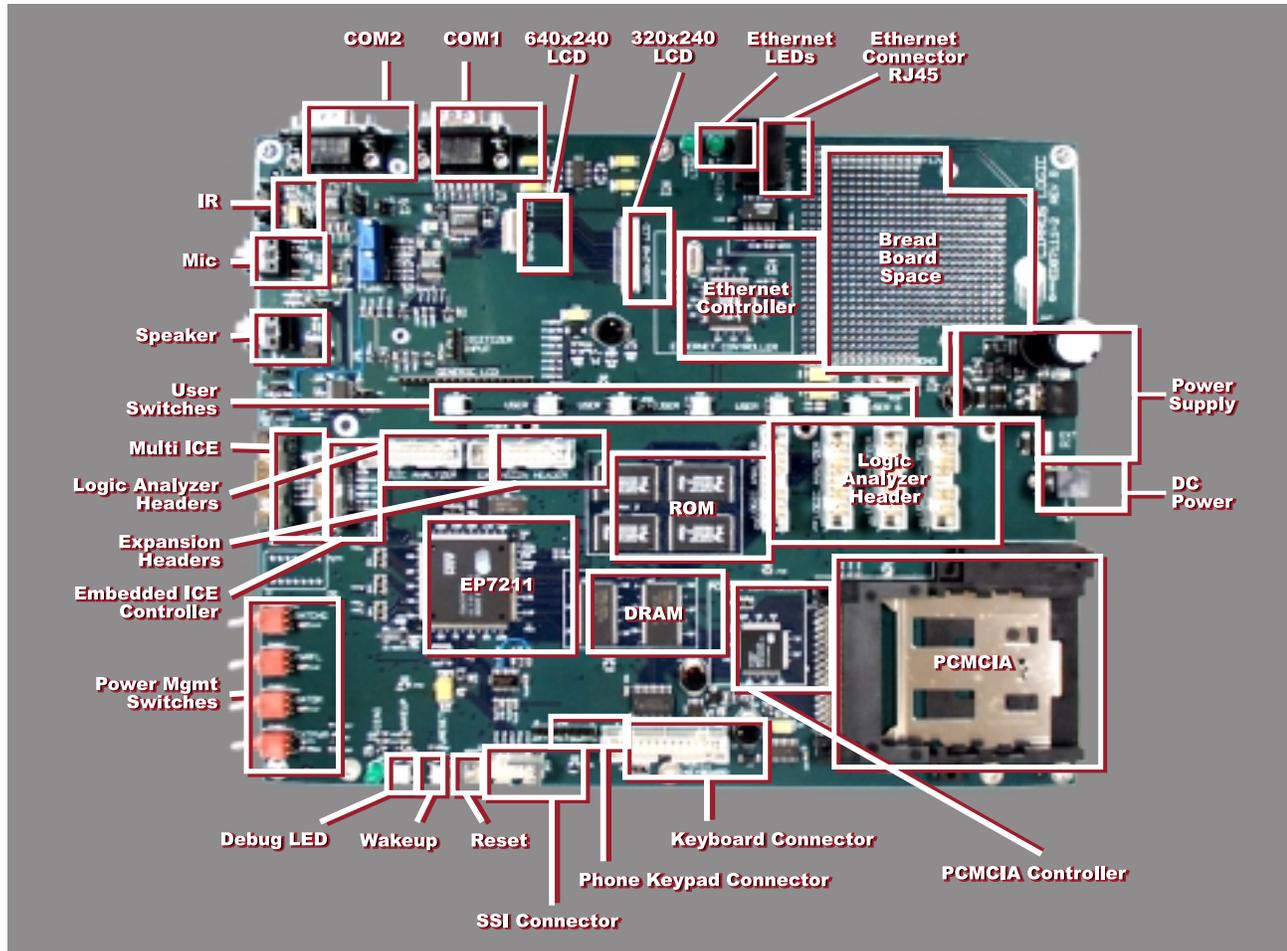
Debuggers/Emulators

- 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.

Copyright © 2000 Cirrus Logic, Inc. All rights reserved. Printed in USA.

ARM is a registered trademark and Angel is a trademark of ARM Limited. Windows, Windows 95, and Windows NT, and Microsoft are registered trademarks of Microsoft Corporation. IBM is a registered trademark of International Business Machines Corporation, OrCAD is a registered trademark of OrCAD, Inc., MULTI is a registered trademark and Green Hills is a trademark of Green Hills Software, Inc., Cygnus, GNU, and eCos are trademarks of Cygnus Solutions, Inc., MetaWare is a registered trademark of MetaWare, Inc., NetROM and CodeTEST are trademarks of Applied Microsystems Corporation, Data Rescue is a trademark of Data Rescue, Metrowerks is a registered trademark of Metrowerks Inc., Wind River Systems and VxWorks are registered trademarks of Wind River Systems, Inc., Tornado is a trademark, of Wind River Systems, Inc., ATI and Nucleus Plus are trademarks of ATI Technologies, Inc., Symbian is a registered trademark of Symbian Ltd., Linux is a registered trademark of Linus Torvalds, EmbeddedICE is a registered trademark of Advance RISC Machines., JEENI is a trademark of Embedded Performance, Inc., Hewlett-Packard is a registered trademark of Hewlett-Packard Company.

Cirrus Logic, Inc. has made best efforts to ensure that the information contained in this document is accurate and reliable. However, the information is subject to change without notice and is provided 'AS IS' without warranty of any kind (express or implied). No responsibility is assumed by Cirrus Logic, Inc. for the use of this information, nor for infringements of patents or other rights of third parties. This document is the property of Cirrus Logic, Inc. and implies no license under patents, copyrights, trademarks, or trade secrets. No part of this publication may be copied, reproduced, stored in a retrieval system, or transmitted, in any form or by any means (electronic, mechanical, photographic, or otherwise) unless distributed in its entirety with all copyright notices attached. No part of this publication may be used as a basis for manufacture or sale of any items without the prior written consent of Cirrus Logic, Inc. The names of products of Cirrus Logic, Inc. or other vendors and suppliers appearing in this document may be trademarks or service marks of their respective owners which may be registered in some jurisdictions. A list of Cirrus Logic, Inc. trademarks and service marks can be found at <http://www.cirrus.com>.