Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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ERD-9307IPR Internet Protocol Radio

Overview

The ERD-9307IPR demonstrates Cirrus Logic's powerful, feature-rich EP9307 system-on-a-chip for an easy and seamless creation of Internet radio products.

EP9307 Features

- ARM920T core
- 200 MHz processor w/ MaverickCrunch™
- 100 MHz bus SDRAM bus
- Linux® and WinCE® enabled MMU
- LCD and raster interface with graphics accelerator
- 10/100 Ethernet MAC
- Three USB 2.0 FS hosts (OHCI)
- Three UARTS
- Six channel I²S interface
- SPI™ port
- AC97
- IR receiver interface
- MaverickKey™ IDs

IP Radio LCD Module

- "Scroll and click" tuning knob
- 8 function keys
- 3.6" Color LCD graphic display 320x240
- Requires the EDB9307A-Z evaluation board

Pre-loaded Software Package

- Fully functional and intuitive GUI
- Playback MP3
- Automatic DHCP negotiation
- 802.11b/g with WEP

Internet Protocol Radio Demonstration Based on EP9307

The Cirrus Logic® Internet Protocol Radio (IPR) is built on the EP9307 200 MHz ARM9™ system-on-a-chip embedded platform. The IPR platform provides a low-cost solution for demonstrating and exploring the capability of using Cirrus Logic products in Internet radio applications. IPR is an appliance that directly attaches to the Internet so users can access music from SHOUTcast® without the use of a PC or the dependence of an expensive media server.

Users can set up, configure and select stations using the 3.6-inch color TFT graphical interface, scroll wheel and 8-function button. Stations can be searched by name and stored in a favorites list for future access.

Unlike traditional receivers, the Internet radio shows station names instead of hard-to-memorize frequencies or channels. The software provides added functionality that allows stations to be recorded to flash memory.

The IPR is designed to provide more than 10,000 digital stations from around the world using one "scroll and click" tuning knob. These products are designed to replace or enhance traditional self-contained radios such as alarm clock radios or mini-component systems and intercom radios.

www.cirrus.com