January 29, 2013

Microchip Adds Bluetooth® Module for Streaming Audio; Complete Certified Wireless Solution, Simple to Use On-Board Stack and Profiles

Certified Module Expands Wireless Portfolio with Support for Streaming Music and Voice; Exceedingly Low Power and Compact Surface-Mount Module

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced the expansion of its wireless product portfolio with a certified **Bluetooth® Audio Module** that supports audio for voice and music. The **RN52** module provides extremely low power consumption in a small, surface-mount form factor, and includes standard Bluetooth audio and data profiles for all smartphone platforms. These features make it easy for designers to add high-quality wireless audio, combined with data capabilities, in a broad range of applications, such as wireless stereo speakers, headphones, automotive hands-free, medical devices and computer accessories.

The advantages of wireless, along with the rapidly expanding smartphone and tablet markets, are driving the demand for Bluetooth wireless audio accessories. Microchip's RN52 module, which is based on technology acquired from Roving Networks, has the Bluetooth stack on board. Including the stack on the module provides a simple-to-use and robust design model that works with any microprocessor or microcontroller, helping designers to get their accessories to market faster. The RN52's embedded Bluetooth stack includes the popular SPP, A2DP, HFP/HSP and AVRCP profiles, along with the iAP for use with iPhone® and iPod®. Additionally, the RN52 supports a variety of audio codecs, such as SBC, aptX®, AAC and MP3.

"The superior streaming-audio capability of the RN52 greatly expands Microchip's Bluetooth portfolio," said Steve Caldwell, director of Microchip's Wireless Products Division. "We have incorporated all the major codecs and profiles, enabling customers to easily create Bluetooth wireless audio accessories with minimal design effort and fast time to market."

Development Support

To make designing RN52-based Bluetooth accessories even faster, Microchip is also introducing the Bluetooth Audio Evaluation Kit (part # RN-52-EK). This new kit is expected to be available in February for $169.95.

Pricing & Availability

The RN52 Bluetooth Audio Module (part # RN-52-I/RM) is expected to be available in March, in a compact, surface-mount form factor. Pricing starts at $16.00 each, in 1,000-unit

quantities.

For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at **http://www.microchip.com/get/B4WL**. To purchase products mentioned in this press release, go to **microchipDIRECT** or contact one of Microchip's authorized distribution partners.

Resources

High-res Photos Available Through Flickr or Editorial Contact (feel free to publish):

- Module: **http://www.microchip.com/get/SHTR**
- Kit: **http://www.microchip.com/get/TVA7**

Follow Microchip:

- RSS Feed for Microchip Product News: **http://www.microchip.com/get/G5P5**
- Twitter: **http://www.microchip.com/get/MWVA**
- Facebook: **http://www.microchip.com/get/FTSJ**
- YouTube: **http://www.microchip.com/get/2037**

About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, providing low-risk product development, lower total system cost and faster time to market for thousands of diverse customer applications worldwide. Headquartered in Chandler, Arizona, Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the Microchip website at **http://www.microchip.com/get/N8AJ**.

Note: The Microchip name and logo is a registered trademark of Microchip Technology Incorporated in the U.S.A. and other countries. All other trademarks mentioned herein are the property of their respective companies.

Tags / Keywords: Bluetooth, Audio, Surface Mount, Embedded Bluetooth, A2DP, SPP, aptX, AAC, MP3

Microchip Technology Inc.
Editorial Contact:
Eric Lawson, 480-792-7182
eric.lawson@microchip.com
Reader Inquiries:
1-888-624-7435
http://www.microchip.com/get/B4WL

Source: Microchip Technology Inc.