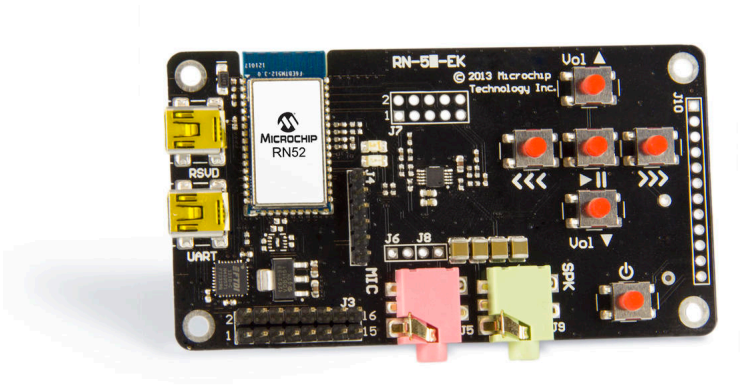
Bluetooth audio module supports audio for music, voice



Bluetooth® Audio Evaluation Kit (Part # RN-52-EK)

Microchip Technology Inc., 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 smart-phone platforms. These features makes 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.

Microchip Technology Inc
http://www.microchip.com [1]
1-888-624-7435
[2]

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