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Microchip Releases New Multizone Technology for Whole-Home-Audio and Multi-Room Applications Based on the JukeBlox® Platform

Accompanied by New iOS/Android™ App for Easy Setup and Control

CHANDLER, Ariz., April 13, 2015 /PRNewswire/ -- [NASDAQ: MCHP] -- Microchip Technology Inc., a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced from the Hong Kong Electronics Fair the release of its second generation multizone audio technology and a mobile app for use in whole-home-audio and multi-room applications based on the **JukeBlox® 4 platform**. The **JB Multizone 2.0** feature enables tightly synchronized and highly robust audio streaming to multiple speakers in conjunction with the JB App, a turnkey mobile app that enables easy setup and operation of the wireless speaker.

Whole-home audio and multi-room audio systems allow consumers to group speakers into a zone to play back a common audio stream. Consumers create multiple zones each with their own audio streams such as pop music streaming to a pair of patio speakers while the children play outside and soothing classical music to four speakers downstairs, while dinner is prepared.

JB Multizone 2.0 utilizes advanced technology to reduce audio drops found in traditional Wi-Fi® streaming applications. Wi-Fi direct eliminates the need for each speaker in a zone to connect with the access point, thereby eliminating common problems associated with overloading access points. Bypassing the access point also reduces the RF bandwidth consumed by half resulting in increased streaming quality and/or the ability to add more speakers in a zone. The addition of Wi-Fi Multimedia (WMM) to Wi-Fi Direct reduces source to zone speaker latency and packet loss resulting in tightly synchronized audio playback with minimal audio drops.

JB App is a complete mobile app that enables OEMs to quickly deploy a complete whole-home-audio solution without having to manage an app development project. OEMs can choose between source code for custom app development or simply rebrand the app for release to consumers. Consumers use the JB App to create and modify zones, select audio sources and easily connect the speaker to the local Wi-Fi network. JB App source code is available at no charge and supports both iOS and Android™ platforms.

"JB Multizone 2.0 is a complete platform to quickly deliver a robust whole home audio solution to market," said Sumit Mitra, vice president of Microchip's Wireless Products Group. "The JukeBlox platform incorporates advanced wireless networking technology to create a first class consumer listening experience."

Availability
JB Multizone 2.0 is available today for evaluation and volume production. For additional information, contact any Microchip sales representative, or visit Microchip's Web site at **http://www.microchip.com/JukeBlox-041315a**.

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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/Homepage-041315a**.

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