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Qualcomm Launches Bluetooth Smart SoC Optimized for the Always-on World

-Platform Targets Developers and is Optimized for Performance, Battery Life and Cost For Designing Remote Controls, Smart Watches, Home Automation Devices and Beacons-

LAS VEGAS, Jan. 5, 2016 /PRNewswire/ -- At CES® 2016 today [Qualcomm Incorporated](#) (NASDAQ: QCOM) announced that its subsidiary, Qualcomm Technologies, Inc., has launched a new Bluetooth® Smart 4.2 System-on-Chip (SoC) family specifically designed to help engineers meet the needs of today's "always-on" world. The CSR102x family is optimized for specific applications in the Internet of Things (IoT), including wireless remote controls, simple smart watches, home automation solutions and beacons, where balancing performance, battery life and cost is critical.

"Consumers expect enhanced functionality from their products with constant connectivity and infrequent recharging – a challenging task for product developers," said Anthony Murray, senior vice president and general manager, IoE, Qualcomm Technologies International, Ltd. "We continuously look to address key customer and developer challenges - like constant connectivity, enhanced functionality, and even-lower battery consumption - with deeply integrated custom platforms like the CSR102x family. The CSR102x family balances high performance, low power consumption and minimal solution size for cost and space optimized products."

Balancing power, features and cost, optimized for specific use cases and target applications, the new CSR102x family of SoCs brings extensive and flexible I/O capabilities designed to simplify integration and eliminate expensive interface components. A comprehensive software development kit enables developers to get ahead with example applications such as Bluetooth Smart profiles and smartphone apps, all in source code. A secure, over-the-air update capability enables flash-based product family members to be reliably updated while in service. Additional features have been added to address target use cases, including high quality voice command capabilities with ultra-low power, for remote controls with always-on voice and [CSRmesh™](#) support for home automation manufacturers looking to create whole home systems.

"Bluetooth Smart meets a broad range of product types," explains Anthony Murray, "but designers really want optimized solutions for particular applications to create the best user experience. By providing platforms for specific use cases we take away the need for developers to make compromises."

The CSR102x family is sampling now and Qualcomm Technologies anticipates bringing a comprehensive development kit for high volume customers in Q2 of 2016. The entry level kit, comprising of a programmer base board and pluggable CSR102x SoC module is expected to retail for \$99. Extension kits for specific use cases, including remote controls, home automation and sports watch applications, is expected to retail for an additional \$49.

About Qualcomm Incorporated

Qualcomm Incorporated (NASDAQ: QCOM) is a world leader in 3G, 4G and next-generation wireless technologies. Qualcomm Incorporated includes Qualcomm's licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm's engineering, research and development functions, and substantially all of its products and services businesses, including its semiconductor business, QCT. For more than 30 years, Qualcomm ideas and inventions have driven the evolution of digital communications, linking people everywhere more closely to information, entertainment and each other. For more information, visit Qualcomm's [website](#), [OnQ blog](#), [Twitter](#) and [Facebook](#) pages.

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