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Qualcomm Expands Intelligent Connectivity Solutions for the Internet of Everything

-- New Wi-Fi based solutions and development platforms enable a broad set of IoE products, applications and services --

SAN DIEGO, May 14, 2015 /PRNewswire/ -- Qualcomm Incorporated (NASDAQ: QCOM) today announced that its subsidiary, Qualcomm Atheros, Inc., has introduced two new intelligent connectivity solutions for the Internet of Everything (IoE). The new solutions, the QCA401x and QCA4531, bring feature-rich Wi-Fi® and broad ranging capabilities to connect products and are each accompanied by development platforms to give customers an expedited and cost-effective path to deployment.

The QCA401x is Qualcomm Atheros' most integrated and feature-rich intelligent connectivity solution to date for the IoE. The QCA401x is designed to answer manufacturer demand for increased computing, memory and advanced features while lowering size, cost and power consumption. It features a fully integrated micro controller unit with up to 800KB of on-chip memory available to programmers and an expanded set of interfaces to directly interconnect with sensors, display and actuators, further reducing system cost, size and complexity. In addition, the QCA401x includes a suite of communication protocols including Wi-Fi, IPv6, HTTP and other cloud enablers, and an advanced security feature designed to maximize security in the smallest IoE devices. The QCA401x is currently being sampled by leading OEMs.

The QCA4531 is a low-cost turnkey solution that brings high-performance connectivity capabilities with a user-programmable Linux/OpenWRT environment benefiting from the extended range based on 2x2 11n. It is designed to serve as a feature-rich IoE node leveraging the Linux framework and as a hub to enable an IoE Ecosystem. As the IoE ecosystem expands, the QCA4531 is ideal for multi-protocol bridging and communication, bringing together multiple wireless medium and bridging between different ecosystems. The QCA4531 can function as an Access Point supporting up to 16 simultaneous devices, and is also power-optimized to enable appliances to meet international standards for energy efficiency. The QCA4531 is currently shipping to leading appliance manufacturers and other IoE-focused customers.

Both the QCA401x and QCA4531 come pre-integrated with AllSeen Alliance's AllJoyn® software framework, ensuring interoperability with the rapidly expanding AllJoyn ecosystem that is designed to enable smart devices to communicate locally. The QCA401x enables AllJoyn IoE clients, and the QCA4531 is capable of becoming an AllJoyn IoE hub.

"A big part of Qualcomm Atheros' strategy for the IoE is pairing the right mix of connectivity and computing capabilities from our deep technology portfolios to address the varying needs of the IoE," said Joseph Bousaba, senior director, product management, Qualcomm Atheros, Inc. "Both the QCA401x and QCA4531 align to this strategy and pair well with the range of offerings from our intelligent connectivity portfolio, including the QCA4002 and QCA4004 solutions, which have shipped in over 35 million products since their launch."

For more information visit www.qca.qualcomm.com.

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 wholly-owned 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 25 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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