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TriQuint's WLAN Solutions Power Smartphones Worldwide

TriQuint's WiFi Technology Found in Popular Smartphones using TI's WiLink™ Solutions

HILLSBORO, Ore. & BARCELONA, Spain--(BUSINESS WIRE)-- TriQuint Semiconductor, Inc. (NASDAQ:TQNT), a leading RF solutions supplier and technology innovator, announced its two power amplifiers (PA) for WLAN connectivity lead the market,* since ramping to production last year. Both the single and dual-band PAs are designed to augment the WiLink™ 6.0 solution and recently launched WiLink 7.0 solution from Texas Instruments Incorporated (TI). The [TQM679002A](#) and [TQP6M9002](#) offer faster data exchange rates, extended battery life, and better amplification of weak signals than competitive technologies.

Today's smartphones and tablets increasingly include both cellular and WLAN connectivity options, offering users the choice of broadband connectivity between cellular networks or WiFi networks. The integration of both technologies benefits consumers and carriers by offloading cellular capacity onto local WiFi networks. Given the additional bandwidth the 5GHz 802.11a frequency band offers, an increasing number of tablets, smartphones, and other mobile internet devices (MID's) are dual-band WiFi enabled.

TriQuint's integrated WLAN PAs are built with TriQuint's in-house [E/D pHEMT](#) and [Copper Bump \(CuFlip™\)](#) technologies and are found in smartphones such as the Motorola Droid & Droid2, RIM Blackberry Torch, and Samsung 'Giorgio Armani'.

TI's WiLink 6.0 mobile platform is a complete hardware and software offering comprising proven, carrier-quality mobile WLAN, [Bluetooth®](#) technology and FM cores integrated into a single chip. The WiLink 6.0 single-chip solution delivers low-battery consumption, small form-factor and low cost requirements to meet the needs of handset and mobile device manufacturers worldwide.

"Our goal with the WiLink 6.0 and WiLink 7.0 platforms is to enable our customers to build revolutionary designs and products with co-existing connectivity options that meet the surface area and power requirements of mobile designs. TriQuint's RF solutions for WLAN and [Bluetooth](#) technologies offer faster data rates and better amplification of weak signals in the mobile device's often-cramped board space. We are pleased to be working with TriQuint to offer our mutual customers an easy-to-use mobile computing platform for the development of next generation end-user experiences that support the truly connected lifestyle we envision at TI," said Eran Sandhaus, Director of Marketing, Wireless Connectivity Solutions, TI.

Tim Dunn, Vice President and General Manager of Mobile Devices at TriQuint, said "WiFi connectivity is becoming a 'must-have' feature for today's smartphones and tablets because it enables consumers the ability to leverage home networks and WiFi hotspots when the 3G networks are at capacity. We are pleased to be working closely with Texas Instruments to offer smartphone and tablet vendors an exemplary solution and are investing in capacity to support this growing market demand."

TriQuint offers the industry's largest in-house technology portfolio which uniquely enables innovative RF architectures that align with major chipset providers; this provides device manufacturers qualified, tested and certified solutions. TriQuint will highlight these platform solutions at the telecommunications industry's largest annual gathering, GSMA Mobile World Congress, in Barcelona, Spain 14 - 17 February, 2011.

Technology Overview

Both the single band 2.4GHz [TQM679002A](#) and dual band 2.4GHz/5GHz [TQP6M9002](#) are fully integrated MMIC's incorporating power amplifier and detectors, pre-PA filters, T/R switches, and WLAN Rx Balun. The 2.4GHz band SP3T switch seamlessly selects between WLAN TX, RX, and Bluetooth paths. The TriQuint solutions offer integration with both the WiLink™ 6.0 and WiLink™ 7.0 mobile platforms. The single band [TQM679002A](#) comes in a 3.0x3.0x0.45 package and supports 802.11b/g/n + BT. The dual band [TQP6M9002](#) supports 802.11a/b/g/n + BT and is available in a 4.0x4.0x0.45 package.

FORWARD LOOKING STATEMENTS

This TriQuint Semiconductor, Inc. (NASDAQ:TQNT) press release contains forward-looking statements made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995. Readers are cautioned that forward-looking statements involve risks and uncertainties. The cautionary statements made in this press release should be read as being applicable to all related statements wherever they appear. Statements containing such words as 'lead the market', 'faster',

better', 'extended', 'complete', 'uniquely', 'fully integrated', or similar terms are considered to contain uncertainty and are forward-looking statements. A number of factors affect TriQuint's operating results and could cause its actual future results to differ materially from any results indicated in this press release or in any other forward-looking statements made by, or on behalf of, TriQuint including, but not limited to: those associated with the unpredictability and volatility of customer acceptance of and demand for our products and technologies, the ability of our production facilities and those of our vendors to meet demand, the ability of our production facilities and those of our vendors to produce products with yields sufficient to maintain profitability, as well as the other "Risk Factors" set forth in TriQuint's most recent 10-Q report filed with the Securities and Exchange Commission. This and other reports can be found on the SEC web site, www.sec.gov. A reader of this release should understand that these and other risks could cause actual results to differ materially from expectations expressed / implied in forward-looking statements.

FACTS ABOUT TRIQUINT

Founded in 1985, TriQuint Semiconductor (NASDAQ:TQNT) is a leading global provider of innovative RF solutions and foundry services for the world's top communications, defense and aerospace companies. People and organizations around the world need real-time, all-the-time connections; TriQuint products help reduce the cost and increase the performance of connected mobile devices and the networks that deliver critical voice, data and video communications. With the industry's broadest technology portfolio, recognized R&D leadership, and expertise in high-volume manufacturing, TriQuint creates standard and custom products using gallium arsenide (GaAs), gallium nitride (GaN), surface acoustic wave (SAW) and bulk acoustic wave (BAW) technologies. The company has ISO9001-certified manufacturing facilities in the U.S., production in Costa Rica, and design centers in North America and Germany. For more information, visit www.triquint.com.

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**According to TriQuint's internal estimates based on unit volume shipments*

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