



January 29, 2008

TriQuint Uniquely Equipped To Deliver Cost Effective Solutions For Building Ultra Low-cost GSM And CDMA Phones

Latest Generation Products Decrease Size, Improve Battery Life, Reduce Bill-of-Materials and Provide Proven Interoperability

HILLSBORO, OR – January 29, 2008 – TriQuint Semiconductor, Inc (Nasdaq: TQNT), a leading RF front-end product manufacturer and foundry services provider, is pleased to announce its latest generation of highly-integrated module solutions for ultra low-cost GSM and CDMA handsets in emerging markets. Today's release includes the introduction of a dual-band GSM Tx module for use in the Americas, the TQM6M4028U, and a high-efficiency PA-Duplexer module for CDMA cellular-band applications, the TQM613027. Utilizing its industry leading, in-house technology portfolio, TriQuint's highly-integrated modules offer customers a reduced bill-of-materials, smaller size, longer battery life and proven interoperability with leading single-chip silicon radios. These new modules will be displayed at the GSMA Mobile World Congress in Barcelona, Spain (11th – 14th Feb. 2008).

Emerging markets represent an opportunity for significant growth. According to Strategy Analytics, at the end of 2007, there were 3.18 billion mobile subscribers in the world. By 2010, there will be 4.1 billion. The next billion mobile subscribers will be drawn from the world's emerging markets.*

Tim Dunn, Vice President for Handsets at TriQuint, said, "Early-on, TriQuint recognized the many benefits of using front-end modules instead of a myriad of discrete RF components. Our broad technology portfolio enables us to serve the handset market as it grows in multiple directions, from high-end smart phones to ultra low-cost handsets for emerging markets. No other vendor has the breadth of in-house technology and engineering expertise to realize cost efficiencies while achieving such compact, high-performance designs."

The TQM6M4028U, a member of the QUANTUM Tx Module™ family, is tested and prequalified for use with three leading single-chip baseband/transceiver manufacturers. At 6x6mm, the TQM6M4028U achieves the world's smallest form factor and addresses the GSM850 and PCS1900 bands. It is shipping in volume for phones in the Americas market and is modeled after the successful TQM6M4028E, which supports the GSM900 and DCS1800 bands and is currently used in ultra low-cost handsets in Europe and Asia. TriQuint has seen tremendous growth in the ultra low-cost GSM handset market with shipments of its dual-band Tx modules more than tripling from 2006 to 2007.

The TQM613027 is the third member of the 7x4mm TRITIUM II PA-Duplexer Module™ family and builds on the success of its predecessor, the TQM613025. The TQM613025 was the first high-efficiency PA-Duplexer module used in low-cost CDMA cellular-band handsets for emerging markets and offers improved RF performance and minimizes battery consumption; a critical need in countries where access to power outlets is limited. The TQM613027 is a drop-in replacement which has been optimized for manufacturing cost efficiencies.

Availability

Both the TQM613027 and the TQM6M4028U are shipping in volume. To locate a TriQuint expert in your area, please visit www.triquint.com/sales. TriQuint's network of distributors, resellers and local field sales representatives are available to provide assistance. Detailed information on the products, including datasheets, application notes and other literature, is located at www.triquint.com

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 'cost effective', 'proven', 'no other vendor', 'first' 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, we "Connect the Digital World to the Global Network"™ by supplying high performance RF modules, components and foundry services to the world's leading communications companies. Specifically, TriQuint supplies products to four out of the top five cellular handset manufacturers, and is a leading gallium arsenide (GaAs) supplier to major defense and space contractors. TriQuint creates standard and custom products using advanced processes that include gallium arsenide, surface acoustic wave (SAW) and bulk acoustic wave (BAW) technologies to serve diverse markets including wireless handsets, base stations, broadband communications and military. TriQuint is also lead researcher in a 3-year DARPA program to develop advanced gallium nitride (GaN) amplifiers. TriQuint, as named by Strategy Analytics in August 2007, is the number-three worldwide leader in GaAs devices and the world's largest commercial GaAs foundry. TriQuint has ISO9001 certified manufacturing facilities in Oregon, Texas, and Florida and a production plant in Costa Rica; design centers are located in North America and Germany. Visit TriQuint at www.triquint.com/rf to register for our newsletters. *Strategy Analytics: Markets That Matter: The Source of the Next Billion Subscribers, Author: Sara Harris, Publication Date: 22 Jan 2008

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