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TriQuint Enables Efficient Broadband Connectivity with New Cable, Radio & Optical Network Products

TriQuint's Network Products
Lower Power Usage, Shrink BOMs, Speed Manufacturing

HILLSBORO, OREGON & ROME, ITALY – September 24, 2009 – TriQuint Semiconductor (NASDAQ: **TQNT**), a leading RF products manufacturer and foundry services provider, is enabling network operators to more efficiently and economically meet the growing demand for broadband services with new solutions for cable systems, microwave radio and optical networks. TriQuint will display these products at Europe's largest microwave conference and exhibition, European Microwave Week, (Rome, 28 Sept. – 2 Oct.)

"Network operators are seeing substantial increases in radio, optical and cable network traffic because of the growing popularity of home and mobile data applications. Operators are looking for cost-effective ways to expand capacity while lowering operational expenses. Greener, more efficient systems that use less energy for amplification and cooling are especially appealing," observed Asif Anwar, Director, GaAs and Compound Semiconductor Technologies Service, Strategy Analytics.

"TriQuint GaAs-based products are inherently more efficient and offer high linearity for those applications that require it. This places TriQuint in good position to take advantage of a projected 10% CAGR for point-to-point radio products and a cable infrastructure CAGR of 14% through 2013. The fiber optic IC market CAGR should more than double during this period while the emerging 40Gb/s segment will lead growth with a projected 78% CAGR through 2013," he added.

TriQuint devices enable smaller, more efficient amplifiers, radios and other key network infrastructure that help operators lower overall system costs. TriQuint also helps operators and manufacturers through an ever-expanding product portfolio of high frequency and broadband devices. TriQuint recently acquired cable TV and fiber-to-the-home (FTTH) RFIC expert TriAccess Technologies. TriAccess offers a 'triple-play' line-up of highly linear amplifiers with low power consumption for internet-video-voice services. Demand for TriAccess products has doubled as cable and telecom companies race to enhance networks for high-speed multimedia content delivery.

New TriQuint RFIC products developed by TriAccess Technologies specifically meet the requirements of DOCSIS® 3.0 based cable TV systems. These 'greener' products can reduce power consumption up to 50% and can cut overall PC board areas up to 30%. The TAT7464, TAT7466, TAT7467 and TAT7472 provide a complete set of options for power-efficient designs.

TriQuint's new TGA2807-SM is another DOCSIS® 3.0 cable TV amplifier that can replace two conventional solutions. The TGA2807-SM can operate at significantly reduced power while meeting DOCSIS® requirements, enabling video-on-demand, two-way data traffic and other emerging services through cable networks.

TriQuint is advancing 3G/4G wireless network infrastructure with microwave radio backhaul amplifiers including its TGA4531. The new amplifier does the work of two narrowband devices, covering the critical 17-24 GHz frequency range with a single device. Highly linear, the TGA4531 enables manufacturers to meet complex modulation requirements while reducing their overall bill of materials.

The lower-frequency needs of microwave radio designers are being met with TriQuint's new TGA2706-SM. A surface mount device, the highly linear TGA2706-SM offers easy assembly while supporting the complex modulation schemes typical of 3G/4G networks.

TriQuint enables high-speed optical networks with products like its TGA4943-SL—the market's first surface mount amplifier for 40Gb/s (gigabit per second) systems. In addition to offering surface mount convenience for easier assembly, the TGA4943-SL uses only about 50% the power of other solutions – just 2.1 Watts.

TriQuint was recently chosen by Huawei Technologies as a strategic partner for new optical network system development based on the strength of its technology and TriQuint's portfolio of green products that significantly reduce power usage. See these new devices at EuMW.

Meet with TriQuint's network infrastructure experts at EuMW. If you want to fabricate a custom circuit, TriQuint's commercial

foundry experts can discuss our industry-leading GaAs and GaN processes. Get the latest technical information on a wide variety of products and markets through the TriQuint Technical Connection— your link to RF design resources and useful technical information.

Visit www.triquint.com/events/eumw for details on TriQuint products, to arrange for a meeting with TriQuint experts at the show, or sign-up for TriQuint's next GaAs class, a program designed around the needs of engineers who want to explore circuit fabrication and how TriQuint makes this easier.

For more information about TriQuint products for optical networks, wireless handsets, defense, aerospace and other networks applications, visit www.triquint.com. Register for product updates and our newsletter at: www.triquint.com/rf.

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 'leading', 'exceptional', 'high efficiency', 'key role', 'leading supplier', 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 in the top five mobile phone manufacturers' products, 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, gallium nitride (GaN), surface acoustic wave (SAW) and bulk acoustic wave (BAW) technologies to serve diverse markets including wireless handsets, laptops, GPS/PND, base stations, broadband communications and military. TriQuint is also the lead researcher in a multi-year DARPA program to develop advanced GaN amplifiers. TriQuint, as named by Strategy Analytics[1], 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 receive new product information and to register for our newsletters.

[1] *Announced February 2009 and May 2009, respectively.*

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