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## TriQuint's Innovative RF Portfolio Powers End-to-End Connectivity

### World-Class RF Solutions Enable Connectivity in Mobile Devices and Networks for Voice, Data and Video

**HILLSBORO, OREGON (USA) AND BARCELONA, SPAIN – February 10, 2010** – TriQuint Semiconductor, Inc. (NASDAQ: TQNT), a leading RF front-end product manufacturer and foundry services provider, outlined its portfolio expansion strategy to deliver a broad range of high performance products that enable end-to-end connectivity. RF innovation has never been more critical, as service providers race to expand network capacity to handle the explosive demand from not only mobile phones, but new genres of mobile devices. TriQuint will exhibit a range of [its latest RF solutions for OEM customers](#) at the telecommunications industry's largest annual gathering, GSMA Mobile World Congress in Barcelona, Spain (15 - 18 Feb).

Ralph Quinsey, President and Chief Executive Officer, outlined TriQuint's opportunities for 2010 during the recent Needham Growth Conference. He said "Insatiable demand for always-on connectivity is impacting the entire wired and wireless ecosystem. Today's handsets are very sophisticated and include voice, data, video, location services and wireless connectivity options. To support these feature-rich mobile devices, network operators are expanding capacity, re-architecting infrastructure design, increasing 3G base station deployments, accelerating 4G planning and upgrading the backhaul transport. TriQuint has developed a broad product portfolio that services these growing markets."

Industry analysts note the growth trends in the mobile industry. ABI Research predicted in December 2009\* that shipments of Mobile Devices, which includes cellular handsets, Mobile Internet Devices, netbooks, mobile consumer electronics products, and cellular modems, will nearly double to a total of 2.25 billion before 2015. This represents an enormous opportunity for TriQuint to expand its total addressable markets by providing its broad RF solutions portfolio to the mobile devices and networks that will consume and deliver the content.

Mr. Quinsey went on to say "Consumers' high expectations for connectivity will drive the entire ecosystem. Device OEMs are tasked with providing rich solutions with long lasting battery and strong, clear connections. Network operators are expected to deliver large amounts of data quickly and error free. 'Green' conscious regulators, consumers and providers are looking for efficient systems to mitigate the impact on our environment. Innovative technology solutions are required to meet these industry-wide challenges and reduce the footprint of our modern communications systems. TriQuint's solutions, based on the latest innovations and developments in RF technologies, offer customers performance, power efficiency, and the industry's most compact packaging. We work closely with highly respected companies in the ecosystem and deliver a broad product portfolio of high quality end-to-end solutions."

This month, TriQuint announced a high efficiency solution for 3G/4G base station power, [TriPower™](#), as well as its latest solution for 3G WEDGE mobile phones, the [TRITON PA Module™ Family](#) and a new [HADRON II PA Module™](#). TriQuint also highlighted success of its [WiFi technology for smartphones](#) and [CuFlip™ technology for the world's most popular devices](#), noting shipments exceeding 100 million units. These products represent a small portion of TriQuint's overall portfolio of innovative end-to-end communications solutions, and augment TriQuint's recent expansion of its optical, cable and radio broadband solutions:

- **Optical Amplifiers:** With networks at the breaking point, carriers are upgrading from 10Gb/s to 40Gb/s and 100Gb/s. TriQuint is developing higher-speed and wider-bandwidth network solutions with lower power consumption for operators worldwide. TriQuint's 40 Gb/s SMT driver, the [TGA4943-SL](#), sets the standard for high performance, efficiency and customer value and meets the industry's growing appetite for 'greener', high-efficiency data transport systems.
- **Triple-Play Cable Solutions:** To meet consumer demand for bandwidth to the home, operators are upgrading equipment to provide Fiber to the Home (FTTH) and DOCSIS® 3.0 for cable TV systems. TriQuint's cable and FTTH portfolio, bolstered by its recent acquisition of [TriAccess Technologies](#), offers telecom triple-play providers the solutions needed to competitively optimize their network speed, spectrum management and deep fiber approach.
- **TriPower™** TriQuint's TriPower™ family of power devices for 3G/4G wireless base stations helps network operators address the explosive demand for higher data rates by enabling high linearity and high efficiency power amplifiers.
- **Point to Point Radio:** Today's high-capacity backhaul networks demand linear power. TriQuint's [TGA2706-SM](#) is a new 5.5-9 GHz PA that supports the increasingly complex modulation schemes typically required by next-generation backhaul radios.
- **Mobile Devices:** Consumers are buying both converged multi-purpose devices as well as best-in-class single-purpose mobile devices, thereby increasing the total available market. Device manufacturers are leveraging TriQuint's well-established RF solutions across a range of standards including GSM/EDGE, CDMA, WCDMA, GPS, WLAN/Bluetooth and

LTE to provide connectivity to mobile phones and e-readers, gaming and other personal media devices. TriQuint's new HADRON PA Module and TRITON PA Module Family offer customers a full 3G WEDGE radio solution for leading chipsets.

Celebrating its Silver Anniversary in 2010, TriQuint's innovative components and technologies have been accelerating design turns, boosting performance, reducing part count and lowering the overall cost of customers' applications across the wireless ecosystem for 25 years.

#### **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 'world-class', 'insatiable', 'sophisticated', 'most compact', 'high quality', 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](http://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"<sup>®</sup> 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, 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<sup>1</sup>, 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](http://www.triquint.com/rf) to receive new product information and to register for our newsletters.

<sup>1</sup>Announced February 2009 and May 2009, respectively.

[\\*Mobile Device Shipments Will Nearly Double Before 2015](#)

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