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TriQuint Ramps Production Of New 3G Polar EDGE PAM For More Than 15 Customers

Latest Power Amplifier Module Sets Industry Standard in Size, Cost and Efficiency for 3G Handset Designs

HILLSBORO, Oregon – July 10, 2008 – TriQuint Semiconductor, Inc (Nasdaq: TQNT), a leading RF front-end product manufacturer and foundry services provider, today announced that more than 15 customers have chosen TriQuint's TQM7M5012, a 5x5mm Polar EDGE Power Amplifier Module (PAM) for forthcoming 3G handsets. The TQM7M5012 is a third generation PAM and member of TriQuint's HADRON II PA-Module Family™. Aligned with a leading 3G chipset solution, the TQM7M5012 offers significant improvements in performance, size and cost over existing PA Modules and WEDGE Transmit Module solutions currently on the market.

The TQM7M5012 is built with TriQuint's patented CuFlip™ technology, a packaging technique that enables a more compact solution. When paired with an industry standard-WEDGE front-end module, the total solution is smaller, uses fewer components and is less expensive compared to existing solutions in the market, which use a 6x7mm WEDGE transmit module plus multiple GSM Rx SAW filters. Strategy Analytics noted in its June 2008 report on PA Market Growth that TriQuint "continues to shrink the PA, accomplishing new standards for small size with its CuFlip™ copper bump flip chip technology, SAW and BAW filters and GaAs technology processes."¹

The TQM7M5012 offers world-class current consumption and Rx band noise performance enabling longer talk-time and better thermal efficiencies while eliminating the need for additional low-band GSM transmit filtering. This overall reduction in component count helps customers minimize costs when developing competitive, multi-band 3G handsets.

Stuart Laval, Product Marketing Manager at TriQuint noted "Our flip-chip technology enables an incredibly small form factor and superior electrical performance, helping customers to utilize precious board space for rich features while optimizing battery utilization. Customers are impressed with the elegant design of the TQM7M5012; TriQuint is seeing significant demand from a diverse customer base."

Availability

The TQM7M5012 is shipping in quantity and available for purchase. To locate a TriQuint expert in your area, please visit www.triquint.com/sales. Our network of distributors, resellers and local and field sales representatives are available to assist. Detailed information on our 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 'significant improvements,' 'less expensive,' 'smallest,' 'most flexible,' 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.

¹ "PA Growth of 12.6 Percent Helps Propel TriQuint Third in Share" Strategy Analytics, June 2008

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