



March 22, 2010

TriQuint Begins Producing Industry's First 40 & 100 Gb/s SMT Amplifiers for Major Telecom Manufacturers

TriQuint's Modulator Driver PAs Offer Best-in-Class, 'Greener' Power Usage for 40 Gb/s & Emerging 100 Gb/s Optical Networks

HILLSBORO, OREGON & RICHARDSON, TEXAS (USA)-March 22, 2010 -TriQuint Semiconductor (NASDAQ: TQNT), a leading RF product manufacturer and foundry services provider, today announced that it has begun high-volume production for major optical network manufacturers of new driver amplifiers, including the market's first surface-mount technology (SMT) 40 and 100 Gb/s (gigabits per second) devices. TriQuint products ease assembly and significantly reduce power consumption for 'greener' wideband high-speed optical networks.

TriQuint's new modulator drivers will be shown at the Optical Fiber Communication (OFC) Conference and Exhibition (March 22-25) in San Diego, CA (USA), Booth 1105. TriQuint's [TGA4943-SL](#) driver will also be featured in the Optical Internetworking Forum's (OIF) showcase at the 2010 OFC exhibition. TGA4943-SL, the industry's first 40 and 100 Gb/s surface mount driver, is 'green' technology in action since it operates using half the power of other devices: just 1.7 Watts. The TGA4943-SL is also available in an adaptive [module](#) for compatibility with legacy systems.

Another new device, the [TGA4826-SM](#), was selected as a key component of the fiber system that powers Europe's first 100 Gb/s link, which entered service in late 2009. TriQuint's new modulator driver is ideally suited for optical network applications that need high drive combined with high linearity. The TGA4826-SM wideband amplifier offers very low power consumption (dissipation) and is available in a standard 6x6mm package.

In addition to announcing production of its 40 and 100 Gb/s modulator drivers, TriQuint is ramping its new smaller, low-power driver amplifier, [TGA4956-SM](#), that offers enhanced performance for 10 Gb/s optical communications systems—a significant portion of today's deployed fiber networks.

"TriQuint surface-mount modulator drivers have proven themselves in the market," said Brian P. Balut, TriQuint Vice President. "Our drivers set standards, simplify RF connectivity and break new ground. We're pleased to be supplying SMT amplifiers for the first commercial 100G European system."

"Since entering the modulator driver market we have shipped nearly 500,000 SMTs; our new 40G and 100G products are designed for the move to higher-speed networks," Mr. Balut added.

"Demand for bandwidth is maintaining the momentum behind growth of higher-speed networks, with 40 Gb/s networks expected to show an 80% CAGR (compound annual growth rate) over 2011 - 2013," noted Asif Anwar, Director, GaAs and Compound Semiconductor Technologies Service, [Strategy Analytics](#). "The market for 100 Gb/s networks will also emerge over this timeframe and while still at an early stage, Strategy Analytics predicts a CAGR of 174% for 100 Gb/s networks over the same timeframe."

"TriQuint is a leader in developing optical driver amplifier technology based on proven GaAs processes that offer optimal performance while also reducing power dissipation and improving thermal operation. TriQuint's technology leadership makes the company well suited to meet the needs of the higher value, higher growth market demand from 10 Gb/s, 40 Gb/s and 100 Gb/s networks," concluded Mr. Anwar.

The need to expand high-speed fiber and wireless broadband capacity continues to grow in response to a global customer demand for faster, 'always-on' internet access supporting data-hungry smartphones and fixed access points, as well as wired and wireless network backhaul. TriQuint simplifies RF connectivity for optical, point-to-point, CATV and cellular base station applications through its wide selection of product solutions that offer linearity, efficiency and reliability. TriQuint is working with leading network systems manufacturers and announced an agreement with [China's Huawei Technologies in 2009](#) to work on developing faster, more efficient networks.

TriQuint has also grown its broadband portfolio with the [TriAccess? line](#) of CATV / Fiber to the Home (FTTH) / RF over Glass (RFoG) products that enable cable systems to expand capacity and cost-effectively offer 'triple play' (video-voice-internet) services through existing networks.

Samples and evaluation boards are available for the TGA4826-SM, the TGA4943-SL (40 Gb/s and 100 Gb/s) and the TGA4956-SM (10 Gb/s); data sheets and S-Parameters can be downloaded from TriQuint's [Optical Network](#) web pages. For Cable TV Fiber to the Home devices, visit [CATV / FTTH](#). Contact TriQuint Product Marketing for details: info-networks@tqs.com. Register for TriQuint 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 to 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 (GaAs), 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 gallium nitride 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*

Product Marketing Contact:

Mike Tessaro
Optical Networks Product Manager
TriQuint Semiconductor, Inc.
Tel: +1 972 994 3963
Fax: +1 972 994 8504
E-mail: mtessaro@tqs.com

Media Contact:

Mark Andrews
Strategic Marketing Communications Manager
TriQuint Semiconductor, Inc
Tel: +1 407 884 3404
Mobile: +1 407 353 8727
E-mail: mandrews@tqs.com