



May 5, 2008

TriQuint Semiconductor To Supply MMICs For New U.S. Army Battlefield Radar

TriQuint GaAs Devices Support Lockheed Martin Radar Systems' Roll-Out of EQ-36 Counterfire Target Acquisition Radar

HILLSBORO, OR (USA) – May 05, 2008 – TriQuint Semiconductor (Nasdaq: TQNT), a leading RF front-end product manufacturer and foundry services provider, today announced that it has begun shipping production gallium arsenide (GaAs) monolithic microwave integrated circuits (MMICs) to Lockheed Martin Radar Systems for the manufacture of EQ-36 Counterfire Target Acquisition Radars being developed for the U.S. Army. TriQuint devices are used as chipset components in the new phased array radar designed to identify, track and help neutralize threats posed by mortars, artillery and missiles under rapidly changing battlefield conditions.

TriQuint's Director of Military Products Marketing, Dr. Gailon Brehm, said the new devices are the latest products to be developed for Lockheed Martin Corporation in a relationship that has also included work on radar programs for ship borne and aircraft systems. The die-level products in Lockheed's transmit/receive (T/R) modules will support the initial production of five mobile systems being developed along an aggressive timetable.

Lockheed Martin demonstrated a fully-operational prototype of the EQ-36 Counterfire Target Acquisition Radar at the Association for the United States Army (AUSA)'s 2007 exposition in October. Following that demonstration, Lockheed Martin Radar Systems Vice President Carl Bannar said¹ that the company was on the 'fast track' to design and produce the system, having rolled-out a field-tested, operational prototype within nine months. The first of the completed radars are expected to be delivered to the U.S. Army by mid-2009, the company added. The new phased array system, also known as the U.S. Army's Enhanced AN/TPQ-36 radar, contains T/R modules that Lockheed Martin described as being at the 'heart' of the overall system. These technologically highly-mature transmit/receive modules are "ensuring the performance capability on which the Army relies," the company said.

"We've enjoyed the challenging work of optimizing TriQuint's advanced MMICs for Lockheed Martin's T/R modules," said Dr. Brehm. "TriQuint has been a consistent technology leader in developing amplifiers and related devices for phased array radar systems and it's gratifying to see us extend such leadership into battlefield radars."

The new EQ-36 Counterfire Target Acquisition Radar is quite advanced compared to battlefield radars now deployed that include TPQ-36 and TPQ-37 systems that date to the Cold War era. A key difference in the new EQ-36 system is its ability to rotate, offering a 360-degree view. This enables operators to more easily and rapidly identify hostile mortar, artillery and missile fire. With this capability defenders can detect threats from any direction and neutralize the danger more quickly than ever before.

TriQuint is now in its initial production phase for the EQ-36 program that will deliver devices throughout a multi-year cycle. Lockheed Martin indicated in October its first five production units were part of an approximately \$120 million contract awarded by the U.S. Army. While fulfilling its contract for MMIC products, additional TriQuint components are being reviewed for use in other phases of the on-going program, noted Dr. Brehm.

"Our products' performance has earned TriQuint an important role in the program and we look forward to other opportunities to work with Lockheed Martin Radar Systems," Dr. Brehm said.

TriQuint is a leading manufacturer of high-performance, high-reliability integrated circuits for phased array radar including the EQ-36 system. TriQuint's expertise in a wide variety of gallium arsenide processes, high-voltage GaAs pHEMT, surface acoustic wave (SAW), bulk acoustic wave (BAW), and cost-effective packaged devices has made the company a leading supplier of RF system components to Lockheed Martin and other major military contractors. For more information about TriQuint products, visit www.triquint.com and register for product updates at www.triquint.com/rf.

¹ October 9, 2007 Lockheed Martin news release.

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 highperformance 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.

Dr. Gailon Brehm
Director - Military Product Marketing
TriQuint Semiconductor, Inc.
Tel: +1 (972) 994-3896
Fax: +1 (407) 994-8504
E-mail: gbrehm@tqs.com

Media Contact:

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