



## Around the Circuit

Barbara Walsh, Multimedia Staff Editor

### The Industry Mourns Anthony S. Tirollo



▲ Anthony S. Tirollo

**Anthony S. Tirollo**, founder, owner and chief technology officer at TRM Microwave in Bedford, N.H., passed away on May 21, 2016. He founded the company in 1970 and guided its growth through the company's 45<sup>th</sup> anniversary in 2015, when it became a woman-owned small business. He was born on December 4, 1940 in New Haven, Conn. the son of Joseph Tirollo, Sr. and Angelina Tirollo, father to 3 daughters, Robin Tirollo, Tracy Erdahl and Maureen Corriea. He was the husband of Wendy D. Tirollo. They were married on February 14, 1998 in Key West, Fla. Tony graduated from New Haven School of Electronics in New Haven, Conn. He had a wonderful sense of humor and shared many jokes with his family, friends and employees. Tony loved spending winters at his home in Bonita Springs, Fla. He enjoyed utilizing his God given engineering talents for many projects, as well as entertaining family and friends. His contributions to family, friends, colleagues, animals and TRM are lasting. He will be missed.

### MERGERS & ACQUISITIONS

**Mercury Systems Inc.** announced the completion of its previously reported acquisition of the embedded security, RF and microwave, and custom microelectronics businesses from **Microsemi Corp.** Pursuant to the terms of the stock purchase agreement applicable to the acquisition, Mercury acquired these businesses for a total purchase price of \$300 million, subject to adjustment for certain working capital items. The acquisition and associated transaction expenses were funded with a combination of a new \$200 million bank term loan A facility and Mercury cash on hand, which includes net proceeds of approximately \$94 million from Mercury's recent issuance of common stock in an underwritten public offering.

### COLLABORATIONS

**Keysight Technologies Inc.** and **Datang Telecom Group** announced the signing of a Memorandum of Understanding (MOU) to establish a strategic partnership on research and development of 5G communication technologies. 5G is the next generation of wireless communication technologies, featured as big data, massive connections and diverse user scenarios. Both companies are committed to co-work on the 5G enabling technologies, standardization, prototype verification and evaluations, aiming to move 5G innovations forward.

**X-Microwave LLC** and **Peregrine Semiconductor Corp.** announced their collaboration and the addition of Peregrine's RF products to X-Microwave's online simulation tool and hardware prototyping system. X-Microwave's building-block system simplifies the modular design process and enables RF engineers to easily simulate and prototype RF and microwave circuits. To kick off this relationship, 16 Peregrine products are being added to the X-Microwave system as drop-in X-MWblock™ components.

**Sivers IMA** announced it has signed an agreement with **Blu Wireless Technology**, a company that designs and licenses baseband modem IP for mmWave applications — including the 802.11ad standard within the Wi-Fi Alliance (also known as WiGig®). Under the agreement, Blu will integrate and optimize its WiGig Hydra baseband modem IP with Sivers IMA's WiGig RFIC. This will enable Sivers IMA to market a complete WiGig solution compliant with the 802.11ad standard. This includes a baseband modem and a transceiver with steerable antennas.

### NEW STARTS

**Richardson RFPD Inc.** announced that its distribution of a large portfolio of serial digital interface (SDI) video and optoelectronics products from **M/A-COM Technology Solutions** has expanded into Europe. MACOM's high-performance analog portfolio grew significantly as a result of the company's 2013 acquisition of Mindspeed Technologies. The product range features SDI video and optoelectronics products, including crosspoints, signal conditioners, redrivers, CDRs and SDI reclockers, SDI cable equalizers and SDI cable drivers.

**Delta Electronics Manufacturing Corp.** unveiled a new brand identity and website that captures the company's position as a leading global provider of precision interconnect and innovative solutions. The company will also launch a redesigned website at [www.deltarf.com](http://www.deltarf.com).

### CONTRACTS

**Harris Corp.** has received an eight-year, \$96 million ceiling, single-award IDIQ contract from the **U.S. Naval Air Systems Command** to supply precision approach radars (PAR) to the U.S. Navy, Air Force and Army. The contract was awarded during the fourth quarter of Harris' fiscal 2016. Under the contract, Harris will supply high-performance PAR systems to help the three services upgrade their precision approach and military air traffic management capabilities. Harris has produced sophisticated radar technology for more than 70 years, pioneering the development of air traffic control and 3-D air defense radars for tactical applications.

**AT&T** is the sole awardee of a contract worth up to \$74.6 million over five years, if all options are exercised, from the **Defense Information Systems Agency**. AT&T will provide