



## Mercury Systems Ships Defense Industry's First BuiltSecure DDR4 High Density Secure Memory Device

November 9, 2017

ANDOVER, Mass., Nov. 09, 2017 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) ([www.mrcy.com](http://www.mrcy.com)) announced that it has shipped the defense industry's first BuiltSecure™ high density secure memory devices manufactured with double data rate fourth-generation synchronous dynamic random-access memory (DDR4 SDRAM). The Company's first BuiltSecure DDR4 product embeds 8GB of high-speed DDR4 memory in an ultra-compact 13 by 20 millimeter ball grid array (BGA) package optimized for reliability in harsh military environments. A leading supplier of defense microelectronics is currently integrating Mercury's DDR4 devices into a next-generation computing system for a military avionics command, control and intelligence application.

Delivering space savings of 75% compared to discrete memory devices, Mercury's three-dimensional packaging technology transforms a planar array of nine discrete DDR4 devices into a single, SWaP-efficient and vertically integrated BuiltSecure device delivering DDR4 performance over an extended operating temperature range of -55 to +125 °C. With a height less than 2.5 millimeters, the new devices are ideally suited for placement on the backside of a printed circuit board, thereby freeing valuable real estate on the front side of the board for placement of additional active and passive components needed to further enhance system performance.

"After announcing our DDR4 design program in March of this year, we received a tremendous response from defense prime contractors in need of highly miniaturized and ruggedized DDR4 memory solutions with data transfer rates up to 2666 MB/s," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "Leveraging our 15 year heritage in microelectronics packaging, we successfully accelerated our DDR4 development program to align our first product shipment with the needs of this critical military program's schedule."

Mercury's entire portfolio of BuiltSecure high density secure memory devices are designed and manufactured in its Defense Microelectronics Activity (DMEA) trusted Advanced Microelectronics Center located in Phoenix, Ariz. For long-term supply continuity, critical components are acquired from carefully selected supply chain partners with manufacturing sites located within the United States. As a testament to its commitment for excellence in security across all aspects of its business, Mercury protects its design and manufacturing records with an active cybersecurity program based on the Center for Internet Security (CIS) critical security controls.

For application assistance, more information on Mercury's BuiltSecure DDR4 high density secure memory devices or to participate in Mercury's design program, visit [www.mrcy.com/ddr4](http://www.mrcy.com/ddr4) or contact Mercury at (866) 627-6951 or [secure.memory@mrcy.com](mailto:secure.memory@mrcy.com).

### Mercury Systems – Innovation That Matters™

Mercury Systems (NASDAQ:MRCY) is a leading commercial provider of secure sensor and safety-critical processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs. Headquartered in Andover, Mass., Mercury is pioneering a next-generation defense electronics business model specifically designed to meet the industry's current and emerging technology needs. To learn more, visit [www.mrcy.com](http://www.mrcy.com).

### Forward-Looking Safe Harbor Statement

This press release contains certain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995, including those relating to the products and services described herein. You can identify these statements by the use of the words "may," "will," "could," "should," "would," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "forecast," "probable," "potential," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. Such risks and uncertainties include, but are not limited to, continued funding of defense programs, the timing and amounts of such funding, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geopolitical unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, changes in, or in the U.S. Government's interpretation of, federal export control or procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays or unanticipated expenses due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and restructurings, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, increases in interest rates, changes to cyber-security regulations and requirements, increases in tax rates, changes to generally accepted accounting principles, difficulties in retaining key employees and customers, unanticipated costs under fixed-price service and system integration engagements, and various other factors beyond our control. These risks and uncertainties also include such additional risk factors as are discussed in the Company's filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2017. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.

### Contact:

Robert McGrail, Director of Corporate and Investor Communications  
Mercury Systems, Inc.  
+1 978-967-1366 / [mcgrail@mrcy.com](mailto:mcgrail@mrcy.com)

Mercury Systems, BuiltSecure and Innovation That Matters are trademarks of Mercury Systems, Inc. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders.

Source: Mercury Systems Inc