



## Mercury Systems Announces Defense Industry's First Military-Grade DDR4 Devices in High-Volume Production

September 19, 2018

### **DMEA-accredited facility in Phoenix, Ariz. successfully completes qualification of DDR4 memory devices critical for next-generation military computing systems**

ANDOVER, Mass., Sept. 19, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, [www.mrcy.com](http://www.mrcy.com)), announced the first volume production shipment of BuiltSECURE™ high density double data rate fourth-generation synchronous dynamic random-access memory (DDR4 SDRAM) to a leading defense prime contractor. The devices will be integrated into the radar warning receiver of a Command, Control, Communications, Computer and Intelligence (C4I) system. The rugged devices embed 8GB of high-speed secure DDR4 into an ultra-compact ball grid array (BGA) package optimized for reliability in SWaP-constrained, processing-intense military environments.

The Company's low-profile DDR4 devices are ideal for backside printed circuit board placement, providing system architects valuable real estate to incorporate additional on-board functionality. Advanced three-dimensional packaging technology delivers military-hardened, high-density devices supporting today's fastest processors and field programmable gate array (FPGA) devices with data transfer rates of up to 2666 MB/s while operating over an extended temperature range of -55 to +125 °C without sacrificing performance.

"For almost two decades, our miniaturization technology has transformed DDR memory into ultra-SWaP optimized devices that consistently deliver performance even in the toughest military environments," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "Defense prime contractors can trust Mercury for assured supply continuity of high-speed DDR4 memory for next-generation military computing systems where a split second of latency may determine mission success."

The Company's entire portfolio of military-grade, secure memory devices are designed and manufactured in a Defense Microelectronics Activity (DMEA)-accredited facility for design, packaging, test and broker services. All critical components are acquired from carefully selected supply chain partners with manufacturing sites located within the United States to ensure long-term continuity of supply. Mercury's dedication to security extends across all aspects of its business, protecting its design and manufacturing records with an active cybersecurity program based on the Center for Internet Security (CIS) critical security controls.

Mercury's application engineering team is available to assist customers with the integration of BuiltSECURE DDR4 high-density secure memory devices. For application assistance, additional information or purchase inquiries, please 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 fiscal 2019 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. 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 any U.S. Federal government shutdown or extended continuing resolution, 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 contractor 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, changes in tax rates or tax regulations, 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, 2018. 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.

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