



March 23, 2017

Defense Industry's First 8GB DDR3 High Density Secure Memory Device Introduced by Mercury Systems

High-capacity DDR3 memory ruggedized for advanced mission computing and sensor processing applications

ANDOVER, Mass., March 23, 2017 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com), announced volume production of its newest high density secure memory device, embedding 8GB of double data rate third-generation synchronous dynamic random-access memory (DDR3 SDRAM) in a military-hardened ball grid array (BGA) package. Available in both x64 and x72 architectures, Mercury's latest product is the defense industry's highest capacity ruggedized memory device. Offering a 40% reduction in physical footprint over discrete components packages, this new offering is ideally suited for high-performance computing systems demanding SWaP-optimized memory with data transfer speeds up to 1600 Mb/s.

"The 8GB DDR3 high density secure memory device is our highest capacity DRAM product to date, addressing the storage needs of our customers' most data-intensive computing applications," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "Mercury's announcement today sets the industry standard for high-capacity DDR3 memory densified into a single, mechanically robust form factor."

With the incorporation of additional sensor functionality, mission computing and sensor processing subsystems are tasked with analyzing multiple streams of data simultaneously. System performance is then constrained by a heavily taxed memory hierarchy, resulting in data transfers from high-speed memory to low-speed memory. Mercury's innovative technology unburdens the memory hierarchy by doubling the capacity of its high-speed dense memory devices from 4GB to 8GB.

Military-grade memory devices are engineered to guarantee mechanical integrity and electrical functionality from -55 °C to +125 °C operating environments. Commercial- and industrial-grade products are also available for physically-constrained but less severe application environments. All product grades are interchangeable for use as either DDR3L (1.35V) or DDR3 (1.5V) memories.

Mercury's memory products are designed and manufactured in a Defense Microelectronics Activity (DMEA) trusted facility in the United States. As a testament to Mercury's unwavering commitment to industrial security excellence, several of its Advanced Microelectronics Center facilities have received a Superior Rating from the Defense Security Service (DSS). To ensure supply continuity, critical components are sourced exclusively from supply chain partners with domestic manufacturing facilities.

Mercury's portfolio of dense memory solutions integrates not only security and uncompromising performance but also the reliability to withstand the harshest of operating environments. For more information or to place an order for the 8GB DDR3 high density secure memory device, visit www.mrcy.com/DDR3 or contact Mercury Systems at (866) 627-6951 or info@mrcy.com.

Mercury Systems — Innovation That Matters™

Mercury Systems (NASDAQ:MRCY) is a leading commercial provider of secure sensor and mission 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.

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 export regulations, 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, 2016. 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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