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Mercury Systems Announces Defense Industry's First DDR4 High Density Secure Memory Device

Unique technology densifies DDR4 memory in a ruggedized package for compact, lightweight mission processing subsystems

CHELMSFORD, Mass., March 02, 2017 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com), announced the latest development in its high density secure memory product line, integrating double data rate fourth-generation synchronous dynamic random-access memory (DDR4 SDRAM) with its SWaP-efficient packaging technology. Replacing up to eighteen industrial or commercial DDR4 devices with a single military-hardened component, Mercury delivers space savings up to 75% in a ball grid array (BGA) package with data transfer speeds up to 3200 Mb/s. Mercury's Advanced Microelectronics Center (AMC) in Phoenix, Ariz., will produce 8GB DDR4 devices in the second half of 2017 to support next-generation customer designs. 2GB and 16GB devices are slated for production thereafter.

"Since pioneering the first DDR high density secure memory devices more than 15 years ago, our miniaturization technology has advanced with each successive generation of DDR memory," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "Our memory solutions are optimized for density while withstanding the harshest operating environments. With today's announcement, Defense prime contractors now have a trusted supplier of compact, military-grade DDR4 memory for high-speed, low-power, mission-critical subsystems."

The three-dimensional packaging technology developed by Mercury transforms a two-dimensional array of discrete memory devices into a single, vertically stacked, dense BGA package without sacrificing the benefits of DDR4 adoption. Component selection and integration is optimized through advanced thermal, mechanical and electrical modeling. Mercury's precision engineering delivers the robust mechanical integrity needed to withstand the harshest of operating environments. For enhanced board-level reliability over commercial memory devices, lead alloy solder is used for the mechanical and electrical interface to the customer's mission computing subsystems.

In addition to uncompromising performance, supply chain security and trust are integrated through the complete lifecycle of the high density secure memory portfolio. From low-rate initial production through full-rate production, all high density secure memory products are manufactured exclusively in the Company's Defense Microelectronics Activity (DMEA) trusted facility. Mercury's commitment to excellence in industrial security has been recognized by the Defense Security Service (DSS) with multiple Superior ratings for several of its AMC facilities. Furthermore, all design and manufacturing records are protected with an active cybersecurity program modeled after the Center for Internet Security (CIS) critical security controls.

Mercury Systems is now engaging in design opportunities with industrial, commercial aerospace, and defense applications requiring high-speed DDR4 memory optimized for size, weight, and power. Customers can participate in Mercury's DDR4 design program, by visiting www.mrcy.com/DDR4 or contacting Mercury 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 Chelmsford, 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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