



Mercury Systems Unveils Defense Industry's First Digital Transceiver Optimized for System Security Engineering using BuiltSECURE Technology

May 24, 2018

Ultra-low latency OpenVPX digital transceiver designed for advanced signal processing applications in high threat environments

ANDOVER, Mass., May 24, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com) today announced the EnsembleSeries™ DCM6111 6U VPX digital transceiver, the latest addition to its portfolio of digital processing solutions. The new transceiver seamlessly incorporates the Company's BuiltSECURE™ technology, thereby enabling security architects to rapidly develop and deploy highly customized system security engineering (SSE) to detect and mitigate adversarial attacks. Designed in accordance with OpenVPX™ standards at Mercury's AS9100D-certified facility in Huntsville, Ala., the new product is the ideal processing solution for advanced electronic warfare applications operating in harsh and hostile environments.



Mercury Systems' new EnsembleSeries™ DCM6111 Transceiver is the industry's first digital transceiver optimized for system security engineering.

The DCM6111 transceiver incorporates advanced, high-speed analog to digital converter (ADC) and digital to analog converter (DAC) circuitry while providing multichannel, ultra-low latency performance. By leveraging OpenVPX architectures, Mercury delivers an agile, cost-effective upgrade path enabling military forces to maintain a dominant position on the electromagnetic battlefield. Recognizing that these advanced capabilities may be exposed to adversarial reverse engineering attempts while deployed in hostile environments, Mercury has preconfigured its BuiltSECURE technology into the new transceiver. This built-in SSE capability enables turnkey or personalized security solutions to be quickly configured and deployed to enable mission success.

"Today's product announcement exemplifies how Mercury delivers value to defense prime contractors by skillfully blending our deep domain expertise in analog and digital integration with agile security architectures," said Charlie Hudnall, Vice President and General Manager of Mercury's Embedded Sensor Products group. "Our military forces around the globe can confidently rely on Mercury's broad portfolio of future-proof electronic warfare solutions to protect our warfighters and our national interests."

The digital transceiver achieves low-latency sampling with two 12-bit analog-to-digital converters (ADC) operating at 2.5 gigasamples per second (GSPS). The transmit side includes two 12-bit digital-to-analog converters (DAC) at 3.0 GSPS. This flexible architecture enables multichannel operation and customization with a maximum instantaneous bandwidth (IBW) of 1GHz. Three powerful Kintex® Ultrascale™ field programmable gate arrays (FPGAs) process the digitized signal and are supported with 16GB of DDR4 memory. To facilitate system integration, Mercury's digital transceiver products include robust board support software and firmware to allow customers to focus on their application development.

Mercury's application engineering team is ready to assist customers with the integration of the new digital transceiver into their next electronic warfare system requiring security and affordable upgradeability. For application assistance, additional product information or purchase inquiries for the new EnsembleSeries DCM6111 digital transceiver, customers can visit www.mrcy.com/SSE-Transceiver or contact Mercury at (866) 627-6951 or RF.Microwave@mrcy.com.

Mercury Systems – Innovation That Matters™

Mercury Systems 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.

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 2018 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 control or procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays 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, 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, 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 Communications
Mercury Systems, Inc.
+1 978-967-1366 / rmcgrail@mrco.com

Mercury Systems, Innovation That Matters, BuiltSECURE and EnsembleSeries are trademarks of Mercury Systems, Inc. Kintex and Ultrascale are trademarks of Xilinx, Inc. OpenVPX is a trademark of VITA. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/296a7d47-b1a1-4ee2-a655-3875b65c4b63>



Source: Mercury Systems Inc