



Mercury's Latest Commercial Digitization Technology Dramatically Improves RF Signal Tracking

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Modular solution provides best balance of low-latency and wide bandwidth for electronic warfare applications

ANDOVER, Mass., Oct. 24, 2019 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, www.mrcy.com) today announced the new DCM6112 digitization transceiver, optimized to provide the best balance of low-latency and wide bandwidth for critical electronic warfare (EW) applications. Using the latest commercial semiconductor technology, Mercury's new transceiver enables rapid deployment of directionally-accurate EW systems needed to counter the latest electromagnetic threats.

"As electromagnetic spectral competition intensifies on the modern battlefield, quickly locating the source of enemy radar and other transmissions becomes mission critical," said Neal Austin, Vice President and General Manager of Mercury's Embedded Sensor Processing group. "Through the scalable multi-channel alignment of the open architecture-based DCM6112 digital transceiver, Mercury delivers Innovation that Matters to the warfighter."

As threats increase in sophistication, EW systems must be able to process large amounts of information with minimal delay to mitigate emerging threats successfully. The DCM6112 transceiver uses the latest commercially-developed semiconductor technology combined with ruggedized military-grade packaging to minimize latency and maximize bandwidth, enabling EW systems to protect against increasingly complex threats. In addition to maximizing the performance of this digital transceiver, the modular architecture supports multiple DCM6112 modules in a fully scalable and coherent system.

The DCM6112 transceiver features four 12-bit analog-to-digital converter (ADC) channels as well as four 12-bit digital-to-analog (DAC) channels. All channels support a sample rate up to 3.2 gigasamples-per-second (GSPS). The real-time processing function consists of three Xilinx® Kintex® Ultrascale™ field-programmable gate array (FPGA) devices and one Xilinx Zynq® Ultrascale FPGA to enable complex application-specific algorithms. The DCM6112 is compliant to the OpenVPX™ (VITA 65) open architecture standard and is available in either a front IO or rear IO configuration.

Mercury is now accepting orders for the DCM6112 digital transceiver, available in standard configurations as well as custom variants for specific program needs. For application assistance, additional information or purchase inquiries, please visit mrcy.com/dcm6112 or contact Mercury at (866) 627-6951.

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, or follow Mercury on [twitter](https://twitter.com/mrcy).

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 and to fiscal 2020 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 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 interest rate swaps or other cash flow hedging arrangements, 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, 2019. 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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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/2ce80e3a-c2ea-4f76-8b2a-3e94364d0491>.