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Echotek VXS Digital Receiver from Mercury Computer Systems Separates the 'Wheat from the Chaff' in Mixed-Signal Processing Applications

Mercury's Newest FPGA-Based Digital Receiver is Named Editor's Choice for VME and Critical Systems Magazine

CHELMSFORD, Mass., July 2 /PRNewswire-FirstCall/ -- The first in a new family of innovative, ultra-high-performance digital receivers from Mercury Computer Systems (NASDAQ: MRCY) was selected for the Editor's Choice Award by VME and Critical Systems, a leading industry publication.

Chris A. Ciufu, OpenSystems Media, Group Editorial Director, Military and Aerospace Group, selected the Echotek Series DCM-V5-VXS, which is the newest member of the Virtex-5 Based FPGA Digital Receiver family, based on its uniqueness, technical relevance, problem-solving ability, and comparison to competitive offerings.

"The world is a noisy place. We're not talking about teenagers' cars cranking Usher. We're referring to all that chaff in the EM spectrum. If you're in the signals intelligence, beamforming, or direction-finding business, it's essential to extract the golden wheat (signals) and then process them," said Mr. Ciufu. "Mercury Computer Systems, the company that all but invented coherent processors bolted together by the industry's then-most popular fabric RACE++, brings us a new VME/VXS (VITA 41) card designed for signal sleuths."

The Echotek DCM-V5-VXS spearheads a new family of VXS-based A/D and D/A products that lead the industry in extracting clear signals from electronic clutter. Engineered for applications that require data-conversion flexibility coupled with extreme FPGA processing power, the DCM-V5-VXS incorporates VITA 57 FMC-compliant mezzanine cards and the largest available Xilinx FPGA processors to address tough mixed-signal computing problems as a cost-effective, single-slot solution. Moreover, high-speed data-transfer interfaces combine with a network of datapaths, making it one of the highest performing digital receivers available on the market today.

The DCM-V5-VXS is featured on VME and Critical Systems' site at www.vmecritical.com/products/EditorsChoice. For more information on the Echotek Series DCM-V5-VXS Virtex-5 Based FPGA Digital Receiver, visit www.mc.com/dcm-vxs, call Mercury at (866) 627-6951, or e-mail your request to info@mc.com.

About OpenSystems Media

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Mercury Computer Systems, Inc. - Where Challenges Drive Innovation™

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) provides embedded computing systems and software that combine image, signal, and sensor processing with information management for data-intensive applications. With deep expertise in optimizing algorithms and software and in leveraging industry-standard technologies, we work closely with customers to architect comprehensive, purpose-built solutions that capture, process, and present data for defense electronics, homeland security, and other computationally challenging commercial markets. Our dedication to performance excellence and collaborative innovation continues a 25-year history in enabling customers to gain the competitive advantage they need to stay at the forefront of the markets they serve.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors.

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 Echotek Series DCM-V5-VXS module. You can identify these statements by our use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," 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, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geo-political 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, continued funding of defense programs, the timing of such funding, changes in the U.S. Government's interpretation of federal 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 or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, and difficulties in retaining key customers. These risks and uncertainties also include such additional risk factors as are discussed in the Company's recent filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2008. 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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