NEWS RELEASE

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Curtiss-Wright New T2080-based VME Single Board Computer Delivers Big Boost in Performance at Reduced Cost

SVME/DMV-196 SBC features an NXP® Power® Architecture T2080 processor backed with 15-year lifecycle and an FPGA-based VME interface

ASHBURN, Va. – March 14, 2016 – Curtiss-Wright's Defense Solutions division today introduced the **SVME/DMV-196, its newest Power Architecture (PA) based 6U VME single board computer (SBC)**. The rugged SBC delivers up to 6x higher performance in a similar power envelope, and at a lower price point, compared to earlier single and dual-processor PA VME SBC designs. Highlighting Curtiss-Wright's commitment to its VME customers, the SVME/DMV-196 is the first in a new family of SBCs designed with the company's new obsolescence fighting FPGA-based Helix™ PCI Express to VME64x Interface. To further aid longevity of supply, a key requirement for most rugged embedded defense and aerospace applications, the board's T2080 processor is backed with NXP® Semiconductor's (formerly Freescale Semiconductor) 15-year lifecycle. The SVME/DMV-196 also offers on-card integrated MIL-STD-1553B interfaces to reduce weight, power and cost by eliminating the need for a separate mezzanine. For applications that do not require the MIL-STD-1553B option, the SBC will also be available with the interfaces removed.

The SVME/DMV-196 SBC provides VME system integrators with a next-generation rugged module. It provides a compelling technology insertion path for deployed VME systems. The SBC offers higher performance, similar or lower power, and pinout compatibility for previous generations of Curtiss-Wright VME SBCs (VME-181/182/183/184/186 and 194), all at a very competitive cost. Each of the SVME/DMV-196's T2080 processor cores is supported with an AltiVec engine that runs at the core frequency. The SBC is ideal for upgrading applications based on AltiVec algorithms. It enables customers to use their proven existing algorithms while providing an increase in performance and a reduction in power.

"The new SVME/DMV-196 is a clear demonstration of Curtiss-Wright's ongoing commitment to support VME-based systems and our VME customers with new, innovative, cost effective cutting-edge products," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "This powerful new Power Architecture SBC delivers all the advantages of non-throttled quad-core processing and AltiVec while easing technology insertion

for customers using previous generation of Curtiss-Wright products. The board's next-generation processing technology, supported with NXP Semiconductor 15-year lifecycle, delivers a powerful win-win solution for VME system designers."

The SVME/DMV-196's T2080 processor is supported with up to 16 GB of DDR3 memory and a rich complement of I/O, including three Gigabit Ethernet (GbE) ports, up to six serial channels, discrete and differential digital I/O, SATA, 1553B, Universal Serial Bus (USB) 2.0 ports, and dual PMC/XMC sites.

For customers requiring variants of the SVME/DMV-196 to match their existing VME SBCs, Curtiss-Wright offers optional MCOTS (Modified COTS) services to ease and speed the process. Please contact the factory for more information.

Software Support
Software support for the SVME/DMV-196 includes U-Boot, and Operating System support for Green Hills INTEGRITY® , NXP Yocto-based Linux® , Lynx Software Technologies LynxOS®, and Wind River VxWorks® 6.9 (32 bit) and 7 (64 bit) Board Support Packages (BSPs) and driver suites. Contact the factory for details and other operating system software support.

Sales inquiries: Please forward all Sales and reader service inquiries to ds@curtisswright.com.

For more information about Curtiss-Wright's Defense Solutions division, please visit www.curtisswrightds.com.

About Curtiss-Wright Corporation
Curtiss-Wright Corporation is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 8,400 people worldwide. For more information, visit www.curtisswright.com.

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