MEDIA RELEASE

Curtiss-Wright Debuts PowerPC 8641-Based VME SBC with XMC and CompactFlash Sites

LEESBURG, VA -- April 19, 2007 – Curtiss-Wright Controls Embedded Computing has announced its most advanced Power Architecture™ (PowerPC™)-based rugged VME64x 6U single board computer (SBC), the **SVME/DMV-184**. Available in both air-cooled (SVME) and conduction-cooled (DMV) configurations, the 184 combines its Freescale 8641 PowerPC processor's dual 1.0 GHz cores with a comprehensive suite of military and aerospace I/O capabilities and a broad range of software support. Compliant with Curtiss-Wright's Continuum Software Architecture™ (CSA), the SVME/DMV-184 delivers optimal interoperability with Curtiss-Wright's latest SBC and DSP board products and greatly eases development and technology insertion over long life-cycle programs.

"The SVME/DMV-184 is the most powerful and I/O rich VME SBC we've designed to date," said Lynn Patterson, Vice President and General Manager of Modular Solutions, Curtiss-Wright Controls Embedded Computing. "Its ideal for both new rugged COTS systems and for upgrading legacy systems with today's highest performance PowerPC computing."

The SVME/DMV-184 is a powerful general purpose 2eSST "VME320"-capable VME SBC designed for use in harsh military and aerospace environments. Its dual-core 8641 processor provides tremendous data bandwidth to and from 2Gbytes of on-board DDR2 SDRAM via dual 64-bit DDR2 memory controllers. Flexible expandability is the hallmark of the SVME/DMV-184 with its two PMC sites (one with VITA 42.3 XMC capability), one Interface Personality Module site, and one CompactFlash site for onboard mass storage. The XMC-capable mezzanine site has an 8-lane PCIe link to the 8641 for multi-GB/sec performance.

Designed to provide extensive I/O support, the SVME/DMV-184 comes with up to three Gigabit Ethernet ports. The board also supports a wide range of I/O customization via a factory-installed Interface Personality Module (IPM) which can, for example, be configured with multi-function RS-232/422/485 serial ports, MIL-STD-1553, SCSI, Serial ATA, with LVTTL and differential discretes.

Software support for the SVME/DMV-184 includes Curtiss-Wright's standard CSA firmware, CSA VxWorks Board Support Package and Driver Suite, MIL-STD-1553 software driver, and Continuum Vector signal processing library.

For other operating system requirements, please inquire with your local Curtiss-Wright representative.

SVME/DMV-184 Performance Features:

- 8641 PowerPC processor with two e600 cores at 1GHz, each core with:
  - 64 Kbytes L1 cache
  - 1 MB internal L2 cache
  - Altivec™ vector unit
- 2 independent 64-bit DDR2 SDRAM controllers (integrated into the 8641)
- 2 Gbytes of DDR2 SDRAM with ECC
- 512 Mbytes of contiguous direct-mapped Flash memory
  - Hardware Flash write protection jumper
- Permanent Alternate Boot Site (PABS) provides back-up boot capability
- 128 Kbytes AutoStore nvSRAM
- 2eSST-capable (“VME320”) VME interface

SVME/DMV-184 I/O Features:

- 2 PMC sites, one with VITA 42.3 XMC capability
  - PMC site #1:
    - provides a 66 MHz PCI-X capable interface via 4-lane PCI-to-PCIe bridge
    - 64 bits of I/O to P0 connector
    - 5V-tolerant
  - PMC/XMC site #2:
    - provides either a 100 MHz PCI-X capable interface via 4-lane PCI-to-PCIe bridge or an 8-lane PCIe interface, auto-selected
    - 64 bits of I/O to P2 connector
    - not 5V-tolerant
- Up to 3 Ethernet interfaces:
  - 1 Gbit Ethernet to front panel connector on air-cooled cards
  - 1 Gbit Ethernet to P0 connector
  - 1 Ethernet to P2, Gbit or 10/100-capable
- Type I CompactFlash site interfaced via standard CardBus controller
- 2 asynchronous RS-232 serial ports
- 2 USB 2.0 ports
- Factory-installed Interface Personality Module (IPM) allows choice of I/O:
  - 4 RS-232/422/485 serial channels and 14 LVTTL discretes
  - 8-bit SCSI, 2 RS-232/422/485 serial channels, and 14 LVTTL discretes
  - 2 MIL-STD-1553 channels,
  - 2 RS-232/422/485 serial channels,
  - and 14 LVTTL discretes

The SVME/DMV-184 is the latest addition to Curtiss-Wright's growing family of 6U VME and VPX/VPX-REDI single board computers complements Curtiss-Wright's wide range of DSP engines. For more information about Curtiss-Wright's embedded computing solutions please visit www.cwcembedded.com.

For editorial information regarding Curtiss-Wright products or services, contact John Wranovics, Public Relations Director, Curtiss-Wright, Tel: (925) 640-6402; email: jwranovics@curtisswright.com; Web site: www.cwcembedded.com.

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About Curtiss-Wright Controls Embedded Computing
Curtiss-Wright Controls Embedded Computing is the industry's most comprehensive and experienced single source for embedded solutions, ranging from Processing, Subsystems, Data Communication, DSP, and Video & Graphics to the most advanced board level components and fully integrated custom systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-Wright Controls Inc. For more information about Curtiss-Wright visit www.cwcembedded.com.

About Curtiss-Wright Controls, Inc.
Headquartered in Charlotte, North Carolina, Curtiss-Wright Controls is the motion control segment of Curtiss-Wright Corporation (NYSE: CW). With manufacturing facilities around the world, Curtiss-Wright Controls is a leading technology-based organization providing niche motion control products, subsystems and services internationally for the aerospace and defense markets. For more information, visit www.cwcontrols.com.

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