

Mistral presents high performance S/DMV-1908 from Curtiss- Wright Controls

Based on the 4th Generation Core i7 Processor, providing huge "Price-to-Performance" benefit

Bangalore, Wednesday, July 03, 2013 - Mistral Solutions Pvt. Ltd, India's leading technology design and systems engineering company has extended its product offerings with the latest product from Curtiss-Wright Controls – the S/DMV-1908 Single Board Computer.

The S/DMV- 1908 from Curtiss-Wright Controls Defense Solutions is a low cost, high performance technology insertion Single Board Computer (SBC). The S/DMV-1908 supports Intel's latest mobile processor technology, based on the 4th Generation Core i7 "Haswell" Processor from Intel. Utilizing this advanced quad-core CPU and Curtiss-Wright Controls' proven ruggedization technology, the S/DMV-1908 is a perfect replacement for older SBCs, breathing new life and increased performance into systems required to be around for years to come. In addition to adapting to Curtiss-Wright's own legacy VME SBCs, the S/DMV-1908 is also designed to replace many of the market's other legacy VME SBCs.

The S/DMV-1908 has a contemporary high speed DDR3 memory subsystem connected directly to the processor and has a capacity of up to 32 GB, thereby maximizing the Intel floating point processing units through the Core i7 processor. The Core i7 is also equipped with L3 cache allowing it to process larger vectors at peak rates than previous processor technologies. Having up to 64 GB of Flash makes the S/DMV-1908 an ideal SBC for handling applications with demanding storage, data logging and sensor processing requirements. The S/DMV-1908 includes dual X/PMC PMC sites for the latest as well as legacy daughter cards. Additionally, the board supports a host of standard I/O including Gigabit Ethernet, RS232/422, GPIO, DVI, SATA, USB, and Audio.

Three popular operating systems, VxWorks 6.9, WES7, and Fedora Core are available on the S/DMV-1908. The SBC is available in an air-cooled variant at Level 0 and Level 100 and conduction-cooled in Level 200.

About Curtiss-Wright Controls Defense Solutions:

Curtiss-Wright Controls Defense Solutions is a long established technology leader in the development of rugged electronic modules and systems for defense applications. Curtiss-Wright serves as a technology and integration partner to its customers, providing a full range of advanced, highly engineered solutions from modular open systems approaches to fully custom optimized solutions. Our unmatched capabilities and product breadth span from industry standard based COTS modules to complete electronic subsystems. The company's modules and systems are currently deployed in a wide range of demanding defense & aerospace applications including C4ISR systems, unmanned subsystems, mission computing, fire control, turret stabilization, and recording & storage solutions. Additionally, the company's broad engineering capabilities combine systems, software, electrical, and mechanical design expertise with comprehensive program management and a broad range of life-cycle support services.

For more information visit: <http://www.cwcdefense.com>