



Mistral announces availability of the new high resolution dual-channel ADC FMC Card from Curtiss Wright

Designed for use in demanding DSP applications like SIGNIT, ECM and Radar Applications

July, 2010: Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, today announced the availability of the highest resolution FPGA Mezzanine Card (FMC/VITA 57) module from Curtiss Wright, the new ADC511, a 400MS/s 14-bit, dual channel ADC card.

The ADC511 uses two Texas Instruments ADS5474 analog to digital converters. Each device supports a sampling rate up to 400MSPS with 14-bit resolution. Available in both air-cooled and conduction-cooled rugged versions, the ADC511 is aimed at DSP applications such as Signal Intelligence (SIGINT), Electronic Counter Measures (ECM), and Radar.

The ADC511 speeds and simplifies the integration of FPGAs into embedded system design by providing high bandwidth I/O direct to the host card's FPGAs. It eliminates data bottlenecks to increase DSP subsystem performance by routing high-speed ADC I/O directly to the host board's FPGAs via the FMC connector.

The ADC511 can be fitted to FMC hosts like Curtiss-Wright's FPE320, FPE650 and HPE720. The combination of the ADC511 with a suitable host provides developers with a high quality analog I/O and processing solution in a single VPX/VPX-REDI slot.

For more information, on the ADC511, visit : www.mistralsolutions.com/ADC511.

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.