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VadaTech, Inc. www.vadatech.com

VadaTech announces the AMC583 and FMC250

Henderson, NV – July 13, 2017 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC583 dual FMC+ carrier and FMC250 ADC/DAC FMC+ module. By increasing the number of SERDES lanes available, FMC+ carriers and modules support higher I/O bandwidth, making improved use of the latest JESD204B-enabled signal conversion products.

The AMC583 is an FPGA Dual FMC+ Carrier with Kintex UltraScale™ XCKU115 and P2040. The double-module AMC provides a very capable I/O processing engine, with a large UltraScale™ FPGA coupled to two FMC+ sites and supported by an on-board quad-core P2040 processor. The XCKU115 FPGA has over 5,500 DSP slices and is supported by 8 GB of DDR4 (over two banks each 32-bits wide). The dual FMC+ sites on the AMC583 accept FMCs from VadaTech's extensive range of data acquisition, networking and RF units, and other 3rd party VITA-57.4 compliant modules.

The FMC250 utilizes dual AD9625 ADCs providing 12-bit conversion rates of up to 2.6 GSPS and a single DAC (AD9162 or AD9164) providing 16-bit conversion rate of up to 12 GSPS. The analog input, digital output, clock and trigger interfaces of the FMC250 are routed via SSMC connectors. The internal clock frequency is programmable and the clock is capable of locking to an external reference.

MicroTCA provides a powerful and flexible alternative to VPX for cost-sensitive and SWAP-constrained applications.

 About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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