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VadaTech Announces a New FMC with Quad ADC / Quad DAC

Henderson, NV – March 28, 2018 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces [FMC231](#). The FMC231 is an FPGA Mezzanine Card (FMC) per VITA 57.1 specification that offers dynamic performance via quad ADC (the ADC chips are dual channel) and quad DAC (the DAC chip is quad channel). The ADC uses TI ADS54J60 providing 16-bit conversion rates of up to 1.0 GSPS (with option for ADS54J69 at 500 MSPS) with TI DAC39J84 providing 16-bit conversion rates of up to 2.8 GSPS. The module is available without DAC installed for applications requiring input only.

The analog input/output, clock and trigger interface of the FMC231 are routed via SSMC connectors. The internal clock frequency is programmable and the clock is capable of locking to an external reference. Use of the clock input for direct RF sampling is supported. The high sample rate and provision of four channel input and output in a compact form factor makes the module ideal for applications such as radar, sigint/EW, broadband wireless, communication test equipment and Software Defined Radio (SDR).

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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