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### **VadaTech Announces a High-Speed High-Density FMC with Single DAC and 8 ADC**

Henderson, NV – July 12, 2021 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [FMC255](#). The FMC255 is a high-density ADC/DAC module with two LTC2107 that each provide a single channel ADC, 16-bit at 210 MSPS, dual AD9653 for total of six additional ADC, 16-bit at 125 MSPS, and a single LTC2000-16 that provides a single channel DAC, 16-bit at 1.25 GSPS. Additionally, the clock source can be via the front panel.

Note that the module does not follow the VITA57 height constraint. It has an additional daughter card that mates to the FMC module to allow it to accommodate the six ADC channels. For example, on the AMC FPGA FMC Carriers, it requires a full-height AMC panel to accommodate all the I/Os. The Carrier must have a monolithic panel (the FMC255 does not come with an FMC panel) to cover the FMC255 I/O envelope.

#### **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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