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VadaTech Announces an FMC Carrier with Zynq UltraScale+ XCZU7EV MPSoC FPGA

Henderson, NV – October 24, 2024 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC567. The AMC567 is an AMC FPGA Carrier with FMC (VITA 57) interface. The AMC is compliant to AMC.1, AMC.2, AMC.3 and AMC.4 specifications. It is based on a Xilinx UltraScale+ XCZU7EV MPSoC FPGA.

The re-configurable FPGA has 1728 DSP Slices, 504k logic cells and includes a quad-core ARM processor. It interfaces to AMC FCLKA, TCLKA-D, FMC DP0-3 and all FMC LA/HA/HB pairs. It also has an interface to a single DDR4 memory channel (64-bit wide with ECC) to the PS as well as having a single bank of 64-bit wide DDR4 to the PL side. This allows for large buffer sizes to be stored during processing as well as for queuing the data to the host.

The Module has 64 GB of Flash, 128 MB of boot flash and an SD Card as an option. In addition, the module has three inputs and two outputs via SSMC connector. Please consult with VadaTech Sales to discuss specific ordering options and configurations.

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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