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VadaTech Announces New AMC with Dual DAC @ 5.7 GSPS and Virtex-7 FPGA

Henderson, NV – Apr 24, 2015 – VadaTech, a manufacturer of embedded boards and complete application-ready platforms, now offers a single module AMC that has a dual DAC and high-performance FPGA. The module is ideal for RADAR signal processing and jamming applications.

The AMC529 combines the functionality of VadaTech's FPGA Carriers and digitizing FMCs. Providing excellent dynamic performance, the board has dual Digital to Analog Converters (DAC) that are 14-bit at 2.85 GSPS (5.7 GSPS in mix-mode). The AMC529 includes a clock jitter cleaner and on-board clock generation.

The on-board Virtex-7 FPGA has 3 banks of 144 Mbit QDR-II memory that is 36-bit wide plus 1 Gbit of 16-bit DDR3 memory. As typical in VadaTech's AMCs, the board includes an IPMI Controller. Clock holdover stability is also standard on the AMC529 with XO and TCXO crystal oscillator options.

VadaTech provides a wide range of signal processing products and solutions. The company also offers the full ecosystem of AMC modules, including graphics, storage, networking, FPGAs, processors, and more.

About VadaTech

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

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