

VadaTech's AdvancedMC Modules The Xilinx® Suite

Fit the performance level to your application from Artix-7® to UltraScale™

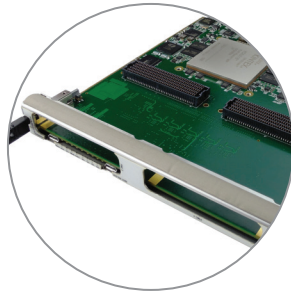
AMC595 UltraScale™



Feature:

- UltraScale XCVU440
- Carrier for FMC
- 8 GBytes of DDR4 Memory
- QorIQ PPC2040

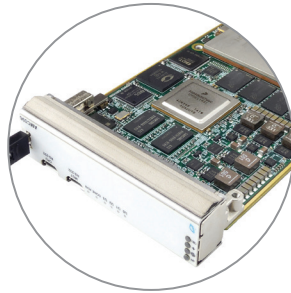
AMC593 UltraScale™



Feature:

- UltraScale XCKU115
- Carrier for FMC per VITA-57
- 8 GBytes of DDR4 Memory
- QorIQ PPC2040

AMC596 UltraScale™



Feature:

- UltraScale XCVU440
- 20 SERDES lanes optionally routed to Tongue 2
- 8 GBytes of DDR4 Memory
- QorIQ PPC2040

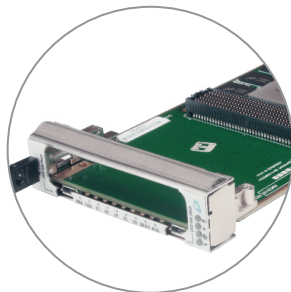
AMC592 UltraScale™



Feature:

- UltraScale XCKU115
- Carrier for FMC per VITA-57
- 20 GBytes of DDR4 Memory
- Upper Ports are routed to the FPGA

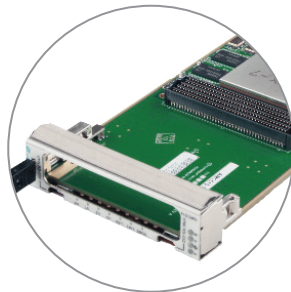
AMC516 Virtex-7®



Feature:

- Virtex-7 XC7VX690T
- Carrier for FMC per VITA-57
- Option for 2GB of DDR3 memory to FPGA
- QorIQ PPC2040

AMC515 Virtex-7®



Feature:

- Virtex-7 XC7V2000T
- Carrier for FMC per VITA-57
- 2GB of DDR3
- QorIQ PPC2040

VadaTech provides integrated complete MicroTCA platforms and all chassis, module and software elements.

Xilinx® FPGA with integrated ADC and DAC

AMC590 UltraScale™



56 GSPS
8-bit
1,2 or 4 Ch ADC

AMC526 Virtex-7®



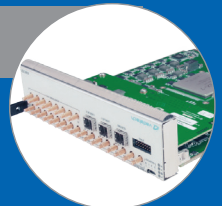
2.5 GSPS
12-bit
2 Ch ADC

AMC529 Virtex-7®



5.7 GSPS
14-bit
2 Ch DAC

AMC521 Virtex-7®



Mixed Speed
16-bit
24 Ch ADC

AMC522 Kintex-7®



500 MSPS
16-bit
8 Ch ADC
2 Ch DAC

AMC523 Kintex-7®



250 MSPS
16-bit
12 Ch ADC
2 Ch DAC

AMC520 Virtex-6®



125 MSPS
16-bit
10 Ch ADC
2 Ch DAC

AMC511 Virtex-6®



180 MSPS
16-bit
4 Ch ADC



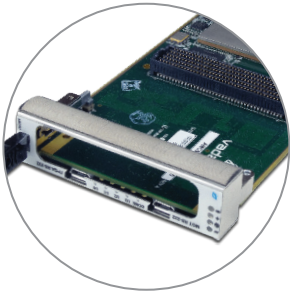
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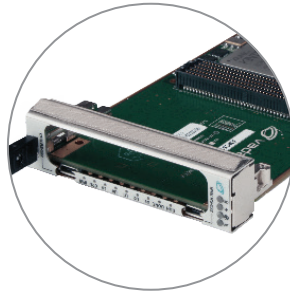
AMC527 Virtex-7®



Features:

- Virtex-7 XC7VX690T
- Carrier for FMC per VITA-57
- Quad bank QDR-II+ memory and 1GB DDR3
- Conducted cooled available

AMC517 Kintex-7®



Feature:

- Kintex-7 XC7K410T
- Carrier for FMC per VITA-57
- 2GB + 512 MB DDR3
- QorIQ P2040

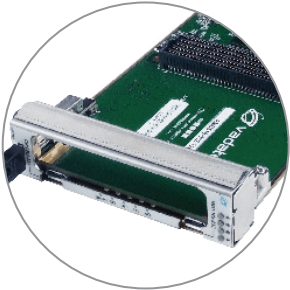
AMC518 Zynq-7000®



Feature:

- Zynq-7000 programmable SoC with integral dual-core ARM Cortex-A9 processor
- Carrier for FMC per VITA-57
- 2GB of DDR3 memory
- Serial over LAN (SOL) with hardware RNG

AMC519 Artix-7®



Feature:

- Artix-7 XC7A200T
- Carrier for FMC per VITA-57
- 512MB DDR3 memory
- Lower power consumption

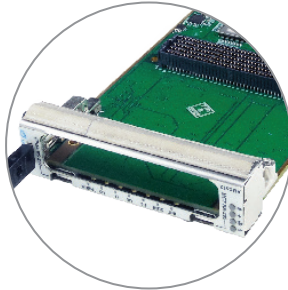
AMC514 Virtex-6®



Feature:

- Virtex-6 XC6VLX/XC6VVSX
- Carrier for FMC per VITA-57
- 4GB of DDR-III memory
- QorIQ PPC1020 with DDR3

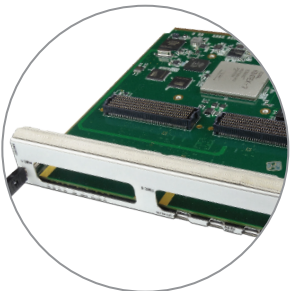
AMC512 Virtex-5®



Feature:

- Virtex-5 XC5VFX/XC5VLX/XC5VSX
- Carrier for FMC per VITA-57
- Up to 512 MB of FPGA DDR2 memory

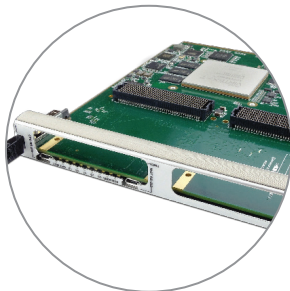
AMC502 Kintex-7®



Feature:

- Kintex-7 XC7K420T
- Carrier for dual FMC per VITA-57
- 32 MB of Flash memory
- On-board crystal referenced clock source

AMC525 Virtex-7®



Feature:

- Virtex-7 XC7VX690T
- Carrier for dual FMC per VITA-57
- QorIQ PPC2040
- Clock and jitter cleaner

Contact

Corporate Office
198 N. Gibson Road
Henderson, NV 89014
+1 702 896-3337

Asia Pacific Sales Office
7 Floor, No. 2, Wenhui Street
Neihu District, Taipei
114, Taiwan
+886-2-2627-7655

European Sales Office
VadaTech House, Bulls Copse Road
Totton, Southampton
SO40 9LR United Kingdom
+44 2380 016403

info@vadatech.com | www.vadatech.com

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