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High Speed Digitisers and AMC Modules

New products based on the MicroTCA architecture and AMC and FMC specifications.

- [µDigitizer](#) - FPGA based multichannel, high speed digitiser solutions
- [AMC-3D74](#) - Multiple DSP/FPGA processing and communications card
- [AMC-VSF](#) - FPGA based interface and processing card

µDigitizer - FPGA based multichannel, high speed digitiser solutions

µDigitizer solutions are customisable, embedded solutions incorporating tremendous FPGA logic and memory, and that combine high-speed, multichannel A/D and D/A I/Os.

The µDigitizer 250 includes Perseus 6010 AMC and ADAC250 FMC with two 250MSPS; 14-bit ADCs and two 1GSPS, 16-bit DACs.

Available Configurations

- µDigitizer 250:
 - 2-slot, benchtop µTCA chassis (xxx-xxx)
 - Perseus 6010 (LSP158-611)
 - Full-size AMC
 - Complete Mestor debugging kit (including MBB1)
 - Model-based design kit
 - ADAC250 FMC Module (LSP159-601-MOQ1):
 - Two, 250 MSPS, 14-bit ADCs
 - Two, 1 GSPS, 16-bit DACs



µDigitizer

[More Information](#)

Perseus 601X

[More Information](#)

ADAC250

[More Information](#)

AMC-3D74 - Multiple DSP/FPGA processing and communications card

Full size Advanced Mezzanine Card (AMC) with three Texas Instruments C6474 multi-core DSPs, Virtex-5 FPGA, 10Gbps 4 x serial rapid IO and full Gigabit ethernet support.



[More Information](#)

AMC-VSF - FPGA based interface and processing card

Mid size AMC with Virtex-5 FPGA and dual optical front panel interfaces for wireless antennas, or the high speed links.



More Information ▶

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