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New Data Acquisition Products - Lyrtech

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Perseus 6030 Virtex-6 AMC with FMC Site

New version fo the Perseus mid-size AC with a -3 FPGA speed grade.



[More Information](#) ▶

RADIO420X Multimode SDR FMC RF Transceiver

The Radio420X FPGA mezzanine card (FMC) is a powerful multimode SDR RF transceiver module designed around the state-of-the-art, multistandard, multiband Lime Microsystems LMS6002D RF transceiver IC, which supports broadband coverage, as well as TDD and FDD full duplex modes of operation.

The Radio420X supports a wide RF frequency range (300MHz - 3GHz) and selectable, on-the-fly modulation bandwidths between 1.5 and 28MHz.



[More Information](#) ▶

RADIO421X FF LTE FMC RF Transceiver

The Radio421X is right at home in such applications as advanced long term evolution telecommunications applications (MIMO and SISO systems).

The Radio421X supports SISO quadband and 2x2 MIMO RF

transceivers.

The Radio421X's RX and TX analog paths are designed to offer the best versatility-to-performance ratio, addressing the high demands of LTE RF applications. Two independent transceiver chains offer the best match to cover low and high LTE bands. At the end of each transceiver, a dedicated power amplifier supplies up to 27 dBm of RF power.

In 2x2 MIMO mode, a Radio421S and Radio421E - a Radio421S HPC with an LPC on top - are stacked to become the Radio421M (M for MIMO).



[More Information](#) ▶

MicroSDR420 FPGA based, multi-mode, tunable RF SDR Solution

The μ SDR420 is a customizable, embedded SDR solution that incorporates tremendous FPGA logic and memory, as well as a powerful multimode SDR single/dual channel RF transceiver module. The μ SDR420 is capable of up-linking and down-linking data streams to a remote computer running on Linux or Windows through high-speed GigE interfaces.



[More Information](#) ▶

MicroTCA Chassis

New 5 slot 3U Bench Top and 10 slot 5U Rackmount MicroTCA chassis are now available.



P2020 MiroTCA CPU Card

Additional MicroTCA CPUs are now available with AMC full-size P2020 1.2GHz processor and 4GB DDR II Memory and PCIe (port 4-7).



Edition 5.4.0 MicroTCA Software Tools

Edition 5.4.0 of the MicroTCA software tools is now available and includes new BSDK firmware 1.3A and support for RADIO420X and MIMO Flex OFDM demonstrations.



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