

Lyrtech eNews – January 2007

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SignalWAVE Tools Version 5.0 Pre-release

Version 5.0 of the SignalWAVE tools is now available with third party software support and new software features.

Email sales@kanecomputing.com for further information

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SFF SDR Development Platform



The Small Form Factor (SFF) Software-defined Radio (SDR) Development Platform is a unique new product that addresses the special portable SDR needs of military, public safety, and commercial markets. The SFF SDR Development Platform is separated into three distinct modules: the Digital Processing Module, Data Conversion Module and RF Module offering developers highly flexible development capabilities.

Visit [SFF SDR DP](#) for further information

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SFF SDR Evaluation Module



The Small Form Factor (SFF) Software-defined Radio (SDR) Evaluation Module is a unique new product that is a part of the SFF SDR Development Platform described above. It was designed around the latest DSP and FPGA technology as a low-cost, off-the-shelf, integrated hardware and software development solution.

Visit [SFF SDR EVM](#) for further information

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SFF SCA Development Platform



The Small Form Factor (SFF) Software Communication Architecture (SCA) Development Platform offers the first CORBA-enabled FPGA on an SCA Platform, with support for GPP-DSP-FPGA CORBA-enabled architecture from Objective Interface Systems and SCARI tools from Communications Research Centre, Canada. It was designed around the latest DSP and FPGA technology as a low-cost, off-the-shelf, integrated hardware and software development solution.

Visit [SFF SCA DP](#) for further information

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SignalMaster Quad Virtex 4



The SignalMaster Quad Virtex-4 cPCI development board is specifically designed to help develop and test DSP algorithms through its combination of FPGA and DSP devices. It comes with a complete board software development kit to reach development goals quickly and efficiently. With the SignalMaster Quad Virtex-4 it is also possible to simultaneously design and test in a real-time environment through the board's integration to the model-based design software tools for Simulink.

Visit [SignalMaster Quad Virtex 4](#) for further information

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DualRapid Channel (DRC) Virtex 4



The DualRapid Channel (DRC) Virtex-4 is a LYRIO+ expansion module for Lyrtech LYRIO+ carrier boards such as the SignalMaster Quad Virtex-4. Mounting the DRC Virtex-4 on a LYRIO+ carrier board allows feeding or retrieving digital data to/from the carrier board at high speeds. The two 1-GBps RapidCHANNEL ports (RX/TX) of the DRC Virtex-4 also allow interconnecting several carrier boards or interfacing a carrier board with other RapidCHANNEL I/O boards such as the VHS-ADC/DAC Virtex-4 multi-channel, high-speed converters cPCI boards.

Visit [DRC Virtex 4](#) for further information

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SignalMaster Quad/Virtex II Software Tools

Version 4.4 of the SignalMaster Quad Virtex II software tools is now available with new low-level software tools and DSPLink and FPGALink software tools.

Email sales@kanecomputing.com for further information

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cPCI Chassis Systems



Lyrtech is now offering new consumer off-the-shelf (COTS) cPCI chassis systems. Lyrtech offers cPCI chassis systems to better be able to provide complete development stations when combined to the various cPCI advanced development platforms offered by Lyrtech, such as the SignalMaster Quad Virtex-4 or VHS-ADC Virtex-4. These new chassis systems provide more powerful and appropriate power supplies combined with the latest cPCI CPU boards, i.e. dual core Intel processors.

Email sales@kanecomputing.com for further information

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BSDK Board Software Development Kit

The Board Software Development Kit (BSDK) contains all the software necessary to develop applications for a Lyrtech board (previously called low level tools), including quick start guide, board user's guide, host software development kit, FPGA/DSP SDKs.

Email sales@kanecomputing.com for further information

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MBDK Model Based Design Kit

The new Lyrtech model-based design kit (MBDK) includes all the necessary model-based design tools to develop applications for a Lyrtech board using the model-based approach used in Simulink by The MathWorks. It will replace DSPLink; FPGALink.

The MBDK usually includes Simulink tutorial, demonstrations, Simulink DSP/FPGA blocksets and documentation.

Email sales@kanecomputing.com for further information

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SignalWAVE Tools Version 5.0 Pre-release

Version 5.0 of the SignalWAVE tools is now available with third party software support and new software features.

Email sales@kanecomputing.com for further information

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ULISS Project

Lyrtech has published a Press Release detailing their success in the first phase of the ULISS Project (project in collaboration with European Space Agency via Alcatel Alenia Space).

View the [Press Release](#)

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End-of –Life Product Announcements

Lyrtech have begun the End-Of-Life (EOL) cycle for the SignalMaster, CPA II and StarCore products.

Should you have any questions about EOL products, please email sales@kanecomputing.com.

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