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DSP/FPGA News from KCL - February 2011

Latest DSP/FPGA products from Kane Computing Ltd.

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- [IP Cores for Radar, Wireless and SDR \(Software Defined Radio\)](#)
- [Quad Port SFP/SFP+ FMC Module](#)

Rugged XMC Modules

A wide range of Innovative Integration XMC Modules are now available in a number of ruggedised versions for military and harsh applications. Products include both X5 and X6 products.



[More Information](#)

Rugged XMC VPX Adapter

The VPX-XMC module adapter allows a single width XMC module to be used in a 3U OpenVPX slot. The adapter is available in either conduction-cooled or air-cooled models.

The VPX-XMC adapter is designed for use in harsh environments. Environmental ratings for temperature, vibration and shock are available for demanding in military, heavy industry, and aerospace applications.



[More Information](#)

IP Cores for Radar, Wireless and SDR (Software Defined Radio)

IP Cores for Radar, Wireless and SDR (Software Defined Radio) applications that provide high speed signal processing in FPGAs. These functions have been integrated into Innovative Integration's advanced X5 XMC module family featuring Virtex5 FPGAs and high speed digitising and waveform generation front ends. Cores are supplied in either netlist or source form.




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Quad Port SFP/SFP+ FMC Module

The 4xSFP/SFP+ FPGA mezzanine card (FMC) directly interfaces four multigigabit transceivers of the FPGA to SFP/SFP+ transceiver modules. Each SFP/SFP+ transceiver supports fiber optic or copper interfaces for high-speed protocols such as OBSAI/CPRI and others.

The 4xSFP/SFP+ FMC is also compatible with Virtex-6's signaling scheme through its use of voltage translators on the control signals



[More Information](#) 

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