

Hunt Engineering

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HERON FPGA and DSP

HERON high-performance, modular systems, designed for real-time, are programmable and reconfigurable, using common APIs for compatibility and complete flexibility. Systems can be used connected to a PC or standalone. Use modules with Virtex-II, II Pro and Virtex-4 Xilinx FPGA, TI DSP and powerful I/O modules in any combination. Some FPGA modules have embedded PowerPC and/or external SDRAM.

Mount the modules on a HERON module carrier providing many real-time data connections at up to 400 MBps in each direction simultaneously. Scale from a single module embedded system to an extensible multi-carrier system using interboard connection modules.

Program the system using the system tools, examples, tutorials, IP for commonly used functions which are included



FEATURES:

- Xilinx Virtex-II and II Pro, Virtex-4 FPGA, 1-8 M gates, optional SDRAM, programmable I/Os and embedded PowerPC
- C6x DSP modules with 2,400 MIPS, SDRAM, Flash-ROM, I/Os
- Modules with FPGA plus two channels each of 210 MSps A/D and 160 MSps D/A
- Carriers with 1-4 slots available for CompactPCI, PCI, USB, and embedded/standalone use
- Real-time data connections at up to 400 MBps in each direction simultaneously
- System development tools, IP, software demos, examples and tutorials included, free technical support

For more information, contact: sales@hunteng.co.uk

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