

Hunt Engineering

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HERON DSP Systems

HERON high-performance modular signal processing systems for PCI based, USB connected and embedded use are programmable and reconfigurable, using common APIs to provide compatibility and complete flexibility.

Choose one or combine any number of our off-the-shelf modules to create the system you need for your application. We have modules with Xilinx Virtex FPGA (with external memory options plus digital and analog I/O choices) and TI 'C6000 DSP.

Mount your selected modules on a HERON module carrier which provides real-time data connections with 400Mbytes/second possible in each direction simultaneously. Using the APIs, extensive tutorials, examples, software frameworks and IP we supply with every system, you can create your unique solution quickly and easily.



FEATURES:

- Modules with Xilinx Virtex-II, Virtex-II Pro & Virtex-4 SX, LX and FX can be combined or used alone
- All FPGA modules have user programmable digital I/Os; SDRAM options also available
- DSP module with 2400 MIPS TMS320C6000, SDRAM, Flash-ROM, I/O; can be combined with FPGA modules
- FPGA modules with two channels each of 125-210MSPS A/D plus 125-160MSPS D/A available
- Choice of cPCI, PCI, USB, and embedded carriers with real-time data connections at up to 400Mbytes/sec
- APIs, system development tools, software frameworks, IP and tutorials included