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Multi-Stratix III Board Evaluation Package now available from KCL

Kane Computing now have Gidel PROCStar III PCI Express Boards in stock, which are available for free evaluation of the hardware and the Gidel PROCWizard Software. The stock board currently includes four Stratix III-110E FPGA's.

The PROCStarIII is an 8 lane PCI Express board that offers high-speed, high capacity and high throughput. It can have up to 4 FPGA's on-board and has 1GB of on-board memory which can be increased by using the 8 SODIMM sockets. It features a 5 level memory structure up to a maximum of 32GB. It also supports Gidel's range of PSDB daughterboard's for increased flexibility.

The PROCStarIII system, on-board controllers and automatic code generation eliminate the need for developers to; write a PCI Express driver, write an application driver layer, define board constraints, design memory controller and write environment FPGA code. This enables developers to focus on their custom value-added design. User designs can be in HDL, C or Simulink.

It is aimed at powerful system development, machine vision, imaging and high performance embedded applications.

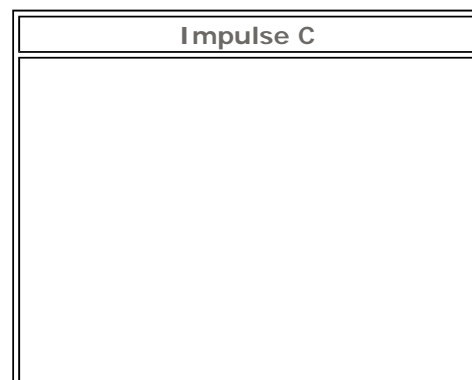
PROCWizard is the development software application that is designed to simplify project development. It enables the user to quickly build a design that may be translated into HDL and C++ code.

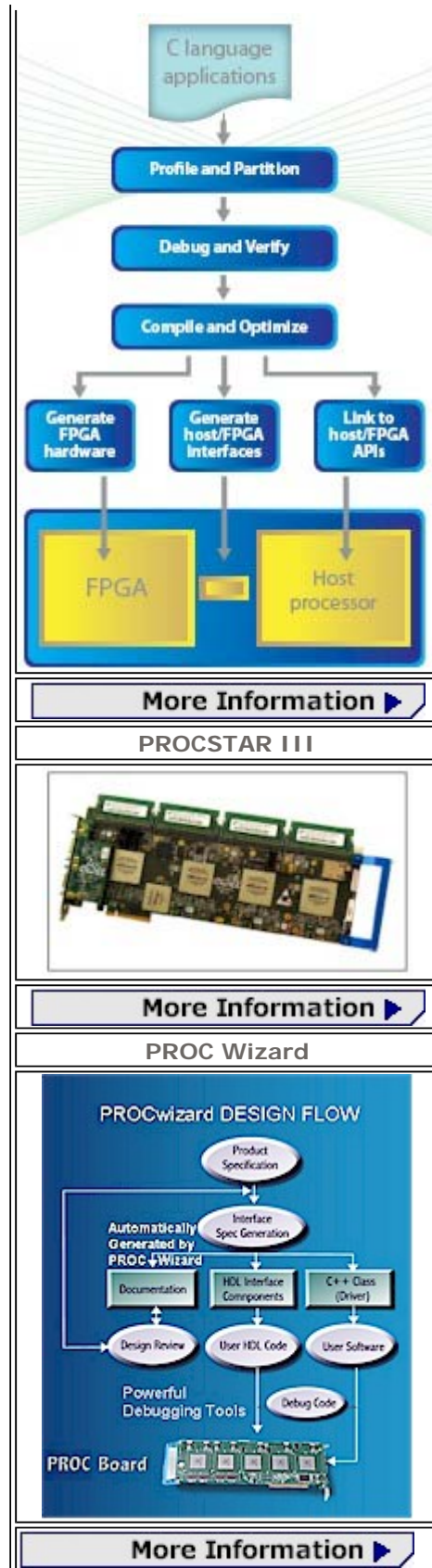
PROCWizard can be used in two modes, Debug mode and Configuration mode. As the name implies, debug mode is used to test and debug your design. Configuration mode is where you build your design.

To help new users to become familiar with PROCWizard, example projects are provided. An 'example's' folder is created when installing PROCWizard which contains examples in a self-extracting archive for each PROC board. Simply double-clicking the correct board extracts that boards example programs.

The PROCWizard user guide has detailed step by step instructions to guide you through three examples. These are a Timer program, Multiport and a DSP counter example.

For C Programmers KCL supply Impulse C a C Language development tool for FPGA accelerated computing.





To discuss arranging an evaluation agreement, please call or email me. Details below.

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