



Connect Tech Inc.
Industrial Strength Communications

FOR IMMEDIATE RELEASE: FreeForm/104

Connect Tech introduces FreeForm/104 for FPGA and Digital I/O applications.

Connect Tech Inc., designer and manufacturer of multi-port serial adapters, external Wireless Radio Modems, engineering tools and Ethernet-to-serial and USB-to-serial devices, is pleased to announce the addition of FreeForm/104 to our product line.

PC/104 modules are ideal for embedded systems. Small, modular and expandable, they offer a cost-effective, mechanically rugged solution for the embedded system developers and designers. The FreeForm/104 module enables users to take full advantage of the FPGA for reconfigurable computing along with Digital I/O functionality.

Based on Xilinx's Spartan 3E FPGA, FreeForm/104 is fully programmable. Unlike its predecessors, FreeForm/104 offers users full, in-system reconfigurability, allowing designs to be changed at run time. The FreeForm/104's on-board FPGA is ideal for high speed, compute-intensive, reconfigurable applications. Since the Spartan 3E is a high capacity, high speed FPGA, it offers flexibility for a wide range of designs.

FreeForm/104 can be used in many design applications including generating, measuring, monitoring and controlling digital inputs or values. The Digital I/O is 8255 compatible allowing 96 digital I/O or 48 Opto-22 compatible digital I/O to be utilized. Highly adaptable, every pin on the FreeForm/104 card is uniquely configurable. A variety of counting and timing functions are implemented by adding 6 counter/timers to FreeForm/104's design benefiting the user with greater precision in timing applications.

FreeForm/104 offers off-the-shelf flexibility, a high speed processing core, less than 25 ns transfer function, within a rugged design making it ideal for real-time applications including; DSP, software-defined radio, aerospace, defense systems, computer hardware emulation, production or laboratory testing and industrial process monitor and control.

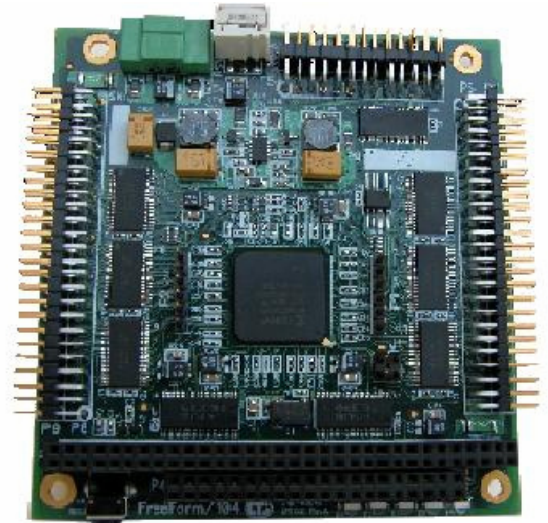
FreeForm/104 Features

FPGA

- Customizable PC/104 board based on Xilinx's Spartan 3E, 500,000 gates
- On-board flash memory
- Reprogrammable in the field for standard and custom designs
- External 5V power connection for stand-alone usage
- Stand-alone controller

Digital I/O

- 96 digital I/O, 8255 compatible
- 6 counter/timers, 8254 compatible
- 48 Opto-22 compatible digital I/O with 8254 counter/timers



About Connect Tech:

Since 1985, Connect Tech has provided the globe with high quality, cost-effective connectivity solutions. Committed to excellence in both product design and customer satisfaction, Connect Tech continues to build on a reputation for manufacturing high performance communications solutions.

Contact:

sales@connecttech.com

Toll: 800-426-8979

Tel: 519-836-1291

Fax: 519-836-4878