

Connect Tech Inc.

42 Arrow Road • Guelph, ON N1K 1S6 Canada
 519-836-1291
www.connecttech.com

Virtex-5 FPGA Card

Connect Tech's FreeForm/PCI-104 combines a programmable FPGA with a 32-bit, 33 MHz PCI-104 interface. PCI-104's high bandwidth, along with the versatility of the Virtex-5 FPGA, allows users to create a high-speed data and control solution that is suited to each unique application.

FreeForm/PCI-104 provides an effective balance of logic fabric, on-chip RAM, DSP blocks, and user I/O to ensure that performance targets are met easily, while reducing systems costs.

Features include: 3 million logic gates, 100 MHz clocking, 8 MB flash, 128 MB DDR2-400 memory, 64 single-ended or 32 LVDS I/O, 2 x 10/100 Ethernet, 2 x RS-485 serial interface, and industrial temperature range.

FreeForm/PCI-104 is perfect for avionics, DSP, radar, radio signal monitoring, and more.



Connect Tech Inc.
Industrial Strength Communications

**FEATURES**

- › Provides an external 5 V power connector for stand-alone usage
- › Onboard flash memory for runtime design changes
- › Industrial temperature range models available (-40 °C to +85 °C)
- › Free ISE WebPACK for complete FPGA design
- › Reconfigurable in the field or through CTI Engineering Services
- › Lifetime warranty and free technical support

For more information, contact: www.connecttech.com

RSC# 38777 @ www.dsp-fpga.com/rsc