

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
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Expert team | Trust guarantee | 100% satisfaction

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Industry's First Virtex-5 ExpressCard



Xilinx Virtex-5 LX50. The 1.0V, 65nm triple-oxide process increases performance and lowers power consumption.

RoHS Compliant

ExpressCard/34mm
(75mm x 34mm x 5mm)

PLX PEX8311 PCI Express bridge provides complete PCI Express interface capable of speeds up to 2.5 Gbps.

32MB PSRAM provides lower power consumption.

E-16 LX50

Specifications

- Xilinx Virtex-5 LX50
- ExpressCard/34 (75mm x 34mm x 5mm)
- PLX PEX 8311 PCI Express Bridge
- 32MB PSRAM
- 18 Single-Ended or 9 LVDS Lines
- Internal JTAG for debugging
- Stainless Steel Case
- Temperature Range: 0^0 to 70^0 C

Applications

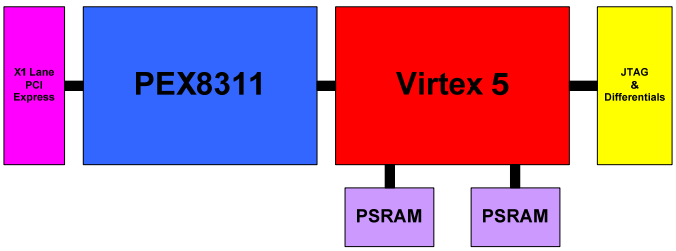
- Application On Card (AOC) systems. Applications packaged with the platform that they run on.
- Image Processing
- Algorithm Acceleration
- Hybrid embedded processor / DSP applications
- Encryption / Decryption
- Security algorithms and testing
- Software Defined Radio (SDR)
- Embedded control systems
- Weight and size constrained environments such as UAVs, surveillance systems and environmental monitoring devices
- Complete development environment for laptop computers. Ideal for rapid prototyping and classroom environments.

Software

- PicoUtil: Utility program for FPGA management (Windows and Linux)
- Xilinx standard tool set support (ISE, EDK, and Platform SDK)
- ImpulseC CoDeveloper Platform Support Package
- Starbridge Systems' Viva System Description File
- Plug-in for MATLAB/Simulink available

FPGA Specification

- Model: XC5VLX50
- DSP48E Slices: 48
- Logic Cells: 46,080
- CLB Flip Flops: 28,800
- Block RAM: 1,728 Kbits



Pico tiny mighty machines

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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