

# NUVATION ENGINEERING

Electronic Product Design and Manufacturing



## TELECOM • DATACOM

Networking, Wireless & Wireline, Storage, VoIP, Ethernet, Optical, LAN/WAN



## BROADCAST • VIDEO

Recording, Production, Monitoring, Distribution, Digital Cinema, Display



## CONSUMER ELECTRONICS

Portable/Handheld, PC Peripherals, Gaming & Entertainment, Video Security



## MEDICAL & SCIENTIFIC

Imaging, Measurement, Medical Services Equipment, Treatment Devices



## GREEN ENERGY

Electric Vehicles, Battery Management Systems, Solar, Wind, Low Power



## DEFENSE

Video & Imaging, Communications, Space, Ruggedized Systems, Displays



## SEMICONDUCTOR

Development Kits, Reference Designs, Automated Test Equipment

## SYSTEM SOLUTIONS

Electronic Product Requirements, Architectures, Feasibility, Specifications

## VIDEO

HD-SDI, Cameras & Sensors, H.264, MPEG-2, MPEG-4, Analytics, 4K/5K

## WIRELESS • RF • ANALOG

802.11a/b/g/n, GPS, Microwave, AC/DC, Bluetooth, Data Acquisition, Power

## EMBEDDED – PLATFORMS

SoC, FPGA, 8/16/32/64-bit MCU/MPU, DSP, ARM, PPC, MIPS, Backplanes

## SIGNAL PROCESSING

Digital Signal Processing, Compression, Analytics, Imaging, Encryption, Radios

## INTERFACES

USB 3.0, PCI & PCI Express, SATA, GbE, 10GbE, Fibre Channel, Optical, Firewire

*Providing Integrated Design to Manufacturing Solutions for Your Turnkey, System Level Projects*

## FPGA

- Expertise on all major platforms
- Top-tier Certified Design Center
- Signal Processing, High-bandwidth
- High-Speed I/O, Memory Interfaces
- Glue Logic to Multi-million Gate Designs

## Hardware

- Digital to 10 GHz+
- Design for Production
- High-Speed to Portable
- Board and System Design
- RF/Wireless, SI, and Power

## Integrated Design to Manufacturing

- Accelerate Proto to Production
- 100's to 1000's of units
- Certification and Testing
- Turnkey Onshore Supply Chain
- Customer Retains Full IP Ownership

## Embedded Software

- 8-, 16-, 32-, 64-bit and SoC development
- BSPs, Applications, Libraries, and Drivers
- Control, Processing, and Data Algorithms
- Commercial, Open Source, and custom OS
- Microcontroller FW through Embedded Linux



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