



Consultative Approach

TECHNICAL EXPERTISE

We Provide technical expertise to companies that wish to improve, or design their own products, but think that it is beyond their reach to explore. We provide the ideal WIN-WIN situation for companies that want to expand their horizons, and have a presence in profitable emerging technologies. Clients can also explore added OEM products, license agreements, and Turn-Key resources. We provide the Intellect, Manpower, Tools, Equipment and know-how to get the tasks accomplished within your R&D Budget.

EVALUATION SERVICES & MARKET IDENTITY

We offer a fresh perspective to your ideas. We independently analyze the market, and expose the weaknesses of the products, process, engineering, and design. As your silent partner, we can evaluate your existing projects, then re-design better solutions. We do everything from re-designing for lowest production costs to turn-key OEM solutions.



Realizing Solutions | Driven by Experience

Your Ameri-Shoring Technology Experts

- Engineering in the US > Better designed products
- Building In the US > Rapid Returns, Ready Supply
- Protection from Global Supply chain problems
- Reduced time to market, no minimums
- Reduced Shipping to the customer
- Re-Engineering protects your company
- Design to Finished product services



Benefits:

- *Reduction of overhead & increased profits with quick turn-around times
- *Talented, experienced personnel without the liabilities of full-time employees
- *Effectively bid projects and stay within budget
- *Quickly satisfy an overload situation with no downtime
- *Eliminate needs for expensive software & training costs

214.253.0647

Info@hardwaredesignconsultants.com

Hardware Design CONSULTANTS

Realizing Solutions



Driven by Experience

A One-Stop Resource for Electronics Since 1984

www.hardwaredesignconsultants.com





Hardware Design
CONSULTANTS

Our company is comprised of a group of Domestic Research and Development Engineers with over 125 years of product research & development. We analyze market trends, plus design real-world solutions in emerging technologies for fortune 500 companies. To date, we have introduced over 400+ products to the high-tech marketplace. We have the full range of Hardware, Firmware, and Software know-how to make hardware dreams become reality. We focus on your needs and deliver cost effective solutions. No project is too big or too small for our R&D operation.

One-stop source for OEM/ODM solutions

**2929 N. Central Expy, Suite.250
Richardson, TX 75080**

Services We Offer

CAD/CAM Design – Both Schematic Capture and PCB layout. Auto routing. CAD Conversions. Netlist Conversions. Gerber generation and services. Mechanical design in Solidworks.

Computer Design – Design of PCI, COMPACT-PCI, Embedded ISA adapters. Design of Motherboard, Laptop and portable electronic systems. Peripherals, USB, Serial, Wireless.

Computer Engineering – Custom Computer Systems. Designed to your specification and desired function. Scientific, Research, and special purpose machines. Military and Industrial versions. Embedded systems.

Electronics Design – Proof of concept. Electronics Systems Design. Widespread Technologies. Feasibility Studies. Research & Development.

Electronics Existing – Redesign of current systems. Reverse Engineering. Duplication. Conversions. Documentation and Product Testing.

Hardware Design – Digital and Analog Design customized to the client's application. On time and Always functional.

Manufacturing Engineering – Extensive manufacturing experience. Manufacturing process and Cost studies. Design to cost.

Microcontroller – Design of microcontroller based products. Controls, Platforms. Custom Solutions.

Production – Quality Manufacturing Sourcing. Kitting. Build packaging. Parts ordering and tracking services. Vendor screening. Drop-shipped finished goods.

Programming – High and Low level programming. Device Drivers. Systems Work. Software Integration.

Reliability Studies – Accurate and fully researched by Registered Professional Engineers.

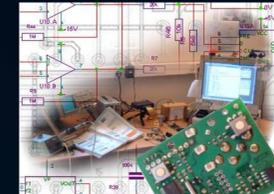
Test Engineering – Custom Test fixtures. Both Electronic and Mechanical expertise. Test software written for both functional and static testing.

Software Engineering – Operating Systems. device drivers. Custom Firmware and Microcode. Application programming. Visual C++, MFC, Visual Studio, Microsoft Net Framework, Assembly code, Any Target application, any Processor.

Virtual Hardware Design – Custom IC solutions, VHDL, Verilog, HDL, ASIC Migration, Timing analysis.

Realizing Solutions

HDC is a Complete Design to finished product development company.



We serve as a valuable OEM/ODM resource for our clients. Our innovative product design and development truly sets us apart giving your company at a competitive advantage.

We DO NOT sell out your electronics offshore like other vendors do. Your project is always secure from predatory competitors.

We deliver better cost effective designs and reduced manufacturing costs. It's all about experience.

We can offer BOTH small and large scale production.

Driven by Experience

100% of our products are designed & manufactured in the USA.

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