




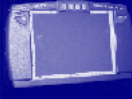
Design Net offers a full-range of Product Design Services. We specialize in the complete design and delivery of a wide variety of products in a turn-key fashion with a focus on quality, cost and manufacturability of products.

**PRODUCTS
and
SERVICES**

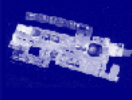
PORTFOLIO




Medical Surgical Pump
-Low Cost Electronics
-Micro Controller or Programmable Gate Array Core
-Battery Operation
-Designed for Ease of Assembly




Pen Based Computer
-Full VGA LCD Screen
-Custom-Built Smart-Battery Pack
-Integrated Laser Scanner
-Intel-Based CPU Module



Laptop/Camcorder Gas Gage
-Copper-Kapton Flex Circuit
-Microcontroller Based Circuits
-Battery "Gas Gage" Monitor Chip
-Fail-Safe Safety Circuits for Batteries



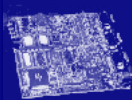
Touch Screen Cable Tester
-Production Test Fixture
-Tolerance Testing for Passive Components
-Intelligent Testing of Target EEPROM Memory Device
-Built-In Self-Test Mode



Elastomeric Keypads
-Design for Systems with Bezels
-Bezel-Free Design
-Keypad Circuits - Designed for easy Assembly,
-Low Cost, and resistant to Electrostatic Discharge (ESD)



Surgical Laser Controller
-Microcontroller Based System with Custom Bios
-Hi Speed Watchdog Circuits, PGA for Patient Safety
-Graphic LCD Interface
-Motion Control System-Galvo Drivers



Point of Sale Controller
-Embedded Bar Code Decoder Software
-Downloadable Software
-Motorola Microcontroller
-Used In On-line Lottery System

PORTFOLIO

Services

- ◇ Electronics Development
- ◇ PCB Design
- ◇ Software Development
 - Windows
 - PIC Controller
 - WinLite
 - Java
 - Rabbit Software
- ◇ PCB Development Tools
- ◇ Product Development

Medical Products

- ◇ EMG Patient Monitor
- ◇ Patient Med-Minder
- ◇ Surgical Laser
- ◇ Surgical Pumps
- ◇ Nuclear Imaging System
- ◇ Patient Therapy Monitor

Commercial Products

- ◇ Remote Package Tracking Terminal
- ◇ Portable Pen-Entry Terminal
- ◇ Wireless Vehicle Tracking System
- ◇ Standby Power System Controller
- ◇ Laser Welding Control System
- ◇ Lottery Terminals
- ◇ Gaming Systems

Control Systems and Components

- ◇ Pentium Power Module
- ◇ Analog / Digital Converter Module
- ◇ Parallel I/O Module
- ◇ High Current Plating Controller
- ◇ Keypads
- ◇ Camcorder Gas-Gage Flex-Circuit

Manufacturing Test Systems

- ◇ Laptop Battery Tester

PORTFOLIO



Laser Welding Control System
 -Modular Design
 -Rabbit Based Microcontroller
 -Remote Diagnostic via Windows Program



Patient Therapy Monitor
 -Self – Calibration Mode
 -Monitor Patient Therapy Session
 -Monitor Heart Rate of Patient in Pool
 -Prints Therapy Results for Insurance Purposes



EMG Patient Monitor
 -UL Patient Insulation
 -32 Channel Data Capture
 -Familiar Windows Control Panel Interface w/Laptop
 -All Calibration Done In Software



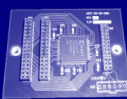
Patient Med-Minder
 -Custom LCD for User Friendly Operation
 -Battery Operation
 -Easy To Use By Patient
 -Portable And Lightweight



Camcorder Battery-Pack Production Tester
 -Communicates With Battery Pack
 -Tests All Safety Circuits
 -Windows Program Tests Up To Four Packs At Once



Remote Package Tracking
 -Wireless 2-Way Built-In Paging Transceiver
 -Compact, Low Cost Desktop Terminal
 -Ergonomic Custom Keypad And Display
 -Designed For Manufacturability



Rabbit Expansion Modules
 -I/O Module – 64 Ports
 -A/O Module – 32 x16– Bit Channel
 -Software Drivers For Dynamic-C



Generator
 -Control All Engine Functions
 -Reliable Start-up And Shutdown
 -Gasoline, Propane, Or Natural Gas Operation
 -Remote Annunciator / Control Panel



Vehical Tracking / Communications Device
 -Real-Time Two-Way Communications
 -DC Powered From Vehicle
 -Accepts RS232 From GPS Unit
 -Uses Two-Way Paging Network

Mechanical and Electronic Design:

To better support our clients, we try to function as a seamless extension of our clients' product development departments. We do this is by using common design tools wherever possible to ensure that deliverables are in a familiar data format (AutoCad, SDRC, PADS, OrCad, etc.) For example, if your firm uses SDRC Master Series for product design, we will provide I-DEAS models of all PC Boards as Master Series 3-D Models for fit-check purposes.

Software Development:

This practice is also observed for software development where we develop code using common plaforms, operating systems and compilers (Microsoft C/C++, Borland C/C++, HP C/C++Softbench (Unix), Silicon Graphics C/C++ ProDev Workshop, MSDOS, MS Windows, Pen-Windows, RTX, etc.)

Test Fixtures and Test Standards:

To ensure that products meet performance standards, we create a customized test fixture to evaluate the function of each system or of each sub-system in a product. These test-fixtures are done in a cost-effective manner by scaling the program to ensure that the test process is a good fit for the production volume.

Documentation & Standards:

We also adapt to our clients' standards for part nomenclature, tooling specifications, electronic test requirements, software specifications and overall quality standards. This enables our clients to easily resume continuing support of products that we have completed.