

Advanced Design Services

In these competitive times, you need more than a good design. Successful products must make optimal use of all of the latest innovations in Application Specific Integrated Circuit (ASIC) and Printed Circuit Board (PCB) design and manufacture. Your product must incorporate the most appropriate components for your market's requirements. Can you invest the time, resources, and money to maintain up-to-date ASIC libraries, stay abreast of the latest PCB and design-for-manufacturing tools, and maintain your engineering expertise in all of these areas?

- System Development
- ASIC Design and Technology Choices
- ASIC Technologies
- PCB Design, prototyping and production

ISI specializes in all aspects of integrated circuit design services, as well as product development from concept through physical design and verification. Since its founding in 1990, ISI's philosophy has been to work closely with its customers to deliver high quality products and services on time through leading edge technology and personalized service.



Turnkey Design

You know what your system needs to do. You know how to do it. But you lack the time or engineering staff to complete the task. ISI can take your system specification and convert it to a fully documented, fully optimized, complete system implementation. ISI will partition your design for the most cost effective use of ASIC, PCB, and standard components

Hardware

ISI will provide all aspects of the design, from component selection through ASIC development, to PCB layout and design. And ISI will complete your design and prototyping with the turn-around you need to meet the most demanding time-to-market requirements.

Software

If your system requires software or firmware development, ISI will ensure the optimal match between firmware and hardware. All firmware will be fully tested to guarantee operation to specification

Prototyping to High Volume

Using domestic and international manufacturing partners ISI will ensure the most cost effective manufacturing for your volume and turn-around time requirements. If you would like, ISI will provide you with PCB and ASIC artwork or will handle every aspect of the assignment from design through manufacturing and test.

The principals of Innotech Systems have over forty years of experience in the design, test, manufacture, and product support of state-of-the-art systems, VLSI ASICs and programmable logic arrays.

ISI maintains two facilities, conveniently located in Boston and suburban New York City. The Boston design center specializes in ASIC design and development, while the New York location specializes in full system design, full-custom IC design and has particular expertise in printed circuit board design and infrared remote controls.