

SHAX Engineering and Systems



***Your One-Stop Shop for PCB Design and
Manufacturing in the 21st Century***

Company Overview

- ❑ Established in 1998 with the objective to assist OEM product development
- ❑ Electronic and Manufacturing Services to complement OEM operations
- ❑ Aid in transforming product from Lab to manufacturing value
- ❑ Unique blend of industry knowledge and expertise

The Service

- ❑ Digital & Analog Circuit Design
- ❑ FPGA Design and Implementation
- ❑ PCB Layout
- ❑ PCB Fabrication
- ❑ PCB Assembly, Rework and Testing

Assembly Capabilities

- ❑ Turnkey or consignment assignments
- ❑ IPC-610 Class II & Class III workmanship
- ❑ Active package includes Through Hole, SMT, BGA, and microBGA
- ❑ Passive component sizes down to 0402 & 0201
- ❑ Single/Double and Mixed Assembly
- ❑ RoHs Compliant

Rework, Repair and Test

- ❑ SMT, BGA removal, re-Balling, reflow and trace repair
- ❑ Component level, wire level and lead repair
- ❑ Functional, in-circuit and boundary scan test
- ❑ BGA visual and X-ray inspection

Simply Better Service

- ❑ Company with Engineering and Manufacturing management background
- ❑ 9 years of Design and Manufacturing experience
- ❑ Availability of Diversified Resources

Cost-Effective, Quality, faster...

- ❑ State-of-the-Art automated assembly process
- ❑ Diverse pool of material vendors
- ❑ Availability of financial resources
- ❑ Computer integrated manufacturing and accounting systems

Long-Term Commitment

- ❑ On Time, On Budget delivery to the specifications
- ❑ Full responsibility of all Shax work
- ❑ Safe guard your trade secrets, inventory and materials
- ❑ We will not use your material for our other clients
- ❑ We provide you with any conflict or potential conflict of interest

Your Benefits

- ❑ Reliability and Dependability
- ❑ Quality EMS services
- ❑ Reduce manufacturing risk factor
- ❑ One point of Responsibility and Accountability
- ❑ Improve your cash flow

Assembly Checklist

- Gerber File
- Bill of Material
- Components package specifications
- Any other assembly instructions, tooling/fixtures
- Purchase order furnished with pricing, delivery and shipping.