

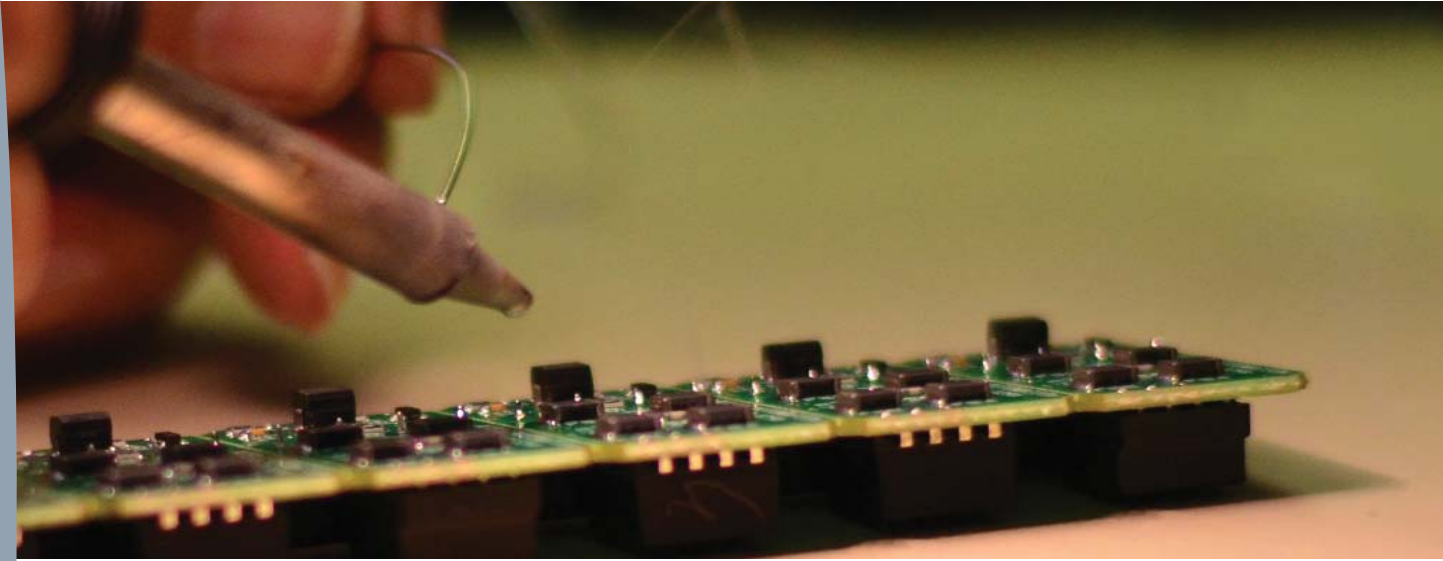


## QUALITY TURN-KEY MANUFACTURING SERVICES

TURN-KEY SOLUTIONS  
QUICK-TURN ASSEMBLY  
SUPPLIER MANAGEMENT  
INVENTORY CONTROL  
SYSTEMATIC QUALITY CONTROL  
TESTING & DOCUMENTATION

# Manufacturing Leadership

## Prototypes through Production



Axsys Automation provides prototyping, proof of concept and high-volume manufacturing services in our Scottsdale facility. Our equipment is new and among state of the art for flexibility, speed, and quality placement supporting a high component mix and total output requirements for PCB board size up to 22" wide and 48" tall.

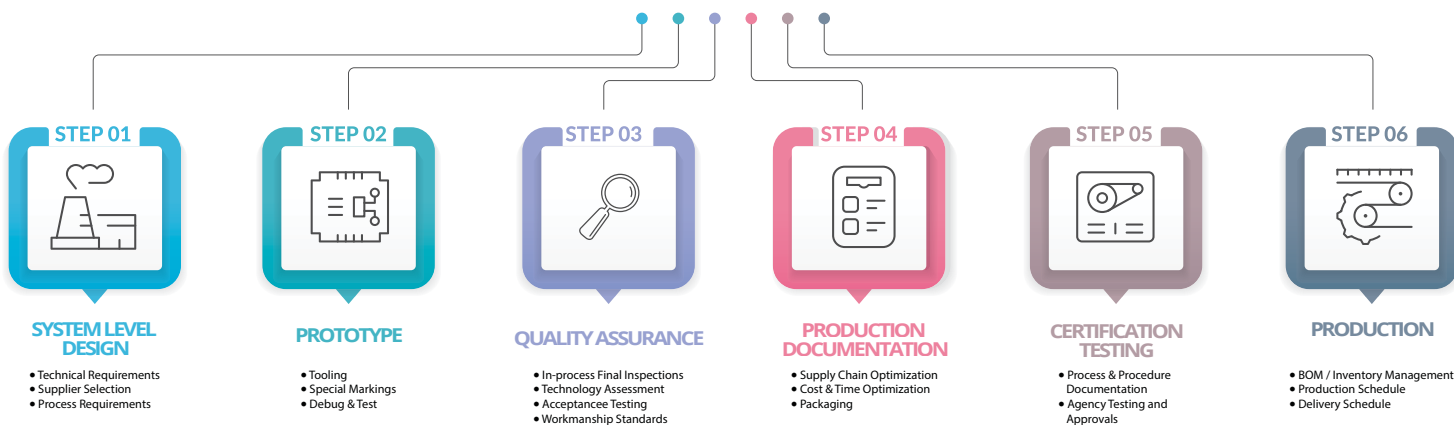
Our value-driven customer service model ensures we meet your time and quality expectations throughout each phase of the manufacturing process. We start by thoroughly documenting the manufacturing, assembly and testing procedures.

Experienced professionals carefully document each unit as they are reviewed and test at each stage of the manufacturing process for consistency, precision, workmanship, and quality.

Our manufacturing services coincide in the same facility as our engineering departments, providing an abundance of resources as a manufacturing partner for design support, procurement, kitting, assembly, and testing for all your product needs.

### • QUALITY & INTEGRITY •

DURING ALL PHASES OF MANUFACTURING



## MANUFACTURING SERVICES

- Quick-Turn Assembly
- High Precision Surface Mount
- Hand Placement & Solder
- Electronics & Assembly Testing
- 2D Inspection
- Supplier Management
- Materials Procurement
- Inventory Control
- Drop Shipments
- Direct RMA Support

## PROTOTYPING & PRODUCTION

- Specification Development
- Design for Manufacturing Verification
- BOM Sourcing
- Mechanical & Electro-mechanical Assembly
- Hand Assembly
- 2D X-ray (Solder joints)
- SMT: Fine Pitch & BGA Placement
- Double-sided Mixed Technology
- Automated Optical Inspection (AOI)
- On-board Device Programming with JTAG
- Component Programming:
  - Flash Memories
  - Microcontrollers
  - Logic Devices
- Conformal Coating
- First Article Services
- ISO 9000:2000 and ISO 13485:2003
- Final Assembly
- HiPot Testing

## TEST & IMPLEMENTATION

- Test Program Development
- RMA Test & Repair
- Functional Test
- Environment and In-circuit Test
- Fixtureless Flying Probe Test
- Boundary Scan / JTAG Testing
- Burn-in Testing
- Component, Board & System Integration
- Warranty Repair Depot
- Test Software Development:
  - Maintenance and Customization using Compiler, Debugger, or Emulator Tools



**Turn-Key Solutions**  
**Quick-Turn Assembly**  
**Supplier Management**  
**Inventory Control**  
**Systematic Quality Control**  
**Testing & Documentation**

Axsys Automation has been working with customers for over 20 years turning their ideas into profitable solutions.

As a concept to production partner, we provide technology proficiency and application ingenuity combined with in-house prototyping and production.

**DISTINGUISHED VALUES**

We take pride in fostering relationships with our customers, vendors, and partners. For each project, we focus on providing:

- Collaborative Execution
- Meaningful Results
- Product Ingenuity
- Continual Innovation
- Openness

**CUSTOMER BENEFITS**

Our proven methodologies provide unprecedented value and service for customers:

- Proven Experience
- Technology Leadership
- Flexible Services
- Faster Time-to-Market
- Reduced Development Cost



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