



Factory Overview

EMS Factory

Manufacturing facilities of 323,000 sq feet & 130,000 sq feet
4 locations; 1 efficient infrastructure

Most manufacturing processes are Green Manufacturing,
RoHS and REACH Compliance ready.

Quality Certifications

ISO 9001:2008

ISO 13485:2003

ISO 14001:2004

OHSAS 18001:2007

ISO/TS 16949:2009

Factory Specifications

- 10K/100K Clean Rooms
- Pick & Place; 0.33 fine pitch & 0201 parts, 18 lines
- Auto Insertion: Jumper, Axial & Radial... 6 sets
- Aluminum Wire Bonding – 29 sets
- Assembly: Conveyance Belt Lines, Palletizing Lines, Cell Lines, Automatic Lines... 34 lines
- BGA Placement & Rework Station
- Automated Optical Inspection (AOI)
- X-Ray Inspection
- In Circuit Testers

Quality Assurance

- X Ray Spectrometer for RoHS Test
- Electro Mechanical High Frequency Vibration Table
- Drop Test Machines
- Endurance Test Machines
- Temperature & Humidity Test Chambers

Assembly Technologies

- SMT Pick and Place
- Auto Insertion
- Aluminum Wire Bonding
- Manual Insertion
- Lead-Free Soldering
- Complete Box Build

Electronics

- SMD Pick & Place , PTH, mixed technologies
- Auto Glue Dispensing
- BGA and Fine Pitch Placement
- Automated Optical Inspection (AOI)
- X-Ray Inspection Machine
- In Circuit Tester (ICT)
- Aluminum Wire Bonding (COB) in clean room
- Lead Free Soldering and selective soldering
- Assembly

Testing

- In-Circuit Test (ICT)
- Functional Test
- System Test
- Competency in RF & Audio Test
- Burn in Test
- Automatic Test Equipment (ATE) Design
- Tailor made in-line automatic test set up



9524 W Camelback Rd, Suite 130 #165
Glendale, AZ 85305
(623) 252-3877
www.sgtsourcing.com

Plastics Factory

Manufacturing facilities of 194,000 sq ft

Quality Certifications

ISO 9001:2000

ISO/TS 16949:2002

Capabilities

- Product analysis to prevent molding issues
- Mold Design
- Mold Manufacturing
- Plastic Injection
- Dustless Printing/Painting
- Silk Screen
- Ultrasonic and Assembly

Equipment

- CAD/CAM Engineering Center
- High Speed CNC Machines
- EDM Machine
- Robotic Injection Molding Machines
- SA 13000/10500 1,450 Ton Injection Molding Machine
- 450 Ton Injection Molding Machines
- 85 Ton Verticle Injection Molding Machine
- Double Injection Machines
- Spray Painting
- Screen & Pad Printing

Membrane Switch Factory

Quality Certifications

ISO 9001:2008

ISO 14001:2004

Capabilities

- Membrane Switch Design
- Screen Printing
- Die & Laser Cutting
- Assembly

Equipment

- Silk Screen Printing Presses
- UV & Thermal Based Curing Systems
- Roll-to-Roll Printing Lines
- Automatic Hole Punch
- Laser Cutter
- Die Cutting Machines
- High Volume Punch Presses

Cable Factory

Manufacturing facilities of 108,000 sq ft

Quality Certifications

ISO 9001

ISO/TS16949

Compliant with ISO 14001 (not yet certified)

ROHS Compliant facilities

Capabilities

- Custom Cable Manufacturing
- In-Molded Strain Relief
- Overmolding of connectors to cable
- RF Cables



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Touchscreen Factory

Manufacturing facilities of 162,000 sq ft

Quality Certifications

ISO 9001
QC 080000
ROHS Compliant facilities

Capabilities

- 4-Wire Resistive
 - 5-Wire Resistive
 - Capacitive
 - Surface Acoustic Wave
 - Infrared
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Metal Injection Molding Factory

Manufacturing facilities of 377,000 sq ft

Quality Certifications

ISO 9001:2008
QC 080000
Compliant with TS 16949
ROHS Compliant facilities

Materials

- Low Alloy Steel
 - Stainless Steel
 - Carbide
 - Ceramic
 - Heavy Alloys
 - Titanium
 - Magnetic Materials
 - Tool Steel
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