



Electronics Manufacturing Services, Since 1986

Professionalized Products and Services, Inc. (PPSI) is a contract manufacturer, located in the Houston area, specializing in PCB assembly and offering a comprehensive set of electronics manufacturing services. ***We build circuit boards!***

Summary of Services:

- **PCB Assembly** - High Volume or High Mix
- **Prototype Assembly** - Quick Turnaround Prototyping.
- **SMT and Through-Hole Capabilities** - Including BGAs and Passives down to 0201s
- **RoHS Compliance** - Lead Free Assembly
- **Turnkey Assembly** - Parts Procurement and Supply Management
- **Testing Services** - Functional Testing to Your Product Specification
- **Technology** - Cutting Edge Equipment and Expertise
- **Additional Services** - Box Building, Conformal Coating, and More.



Service

At PPSI, providing our clients with consistent, high quality service is the top priority. We are proud of the way we do business and our service level is just one of the many ways we stay far ahead of the competition.



Quality

PPSI's unique quality control system provides the highest levels of process control and repeatability. From parts procurement to final delivery, integrated quality checks ensure that PPSI is in full compliance with your production standards



Experience

Founded in 1986, PPSI has over 25 years of electronics manufacturing experience. Our seasoned staff and proven processes continue to help clients realize their most important business objectives.



Flexibility

Business requirements often change rapidly and unexpectedly. PPSI's staff is trained to adapt to last minute design and process changes to meet your evolving needs without compromising quality.



Services Provided

Equipped with over 25 years of experience and state of the art capabilities, PPSI can help you build your products consistently and with unmatched quality. We are prepared to handle your requirements and assist you from initial design through final assembly.



Printed Circuit Board (PCB) Assembly

PPSI specializes in building high quality printed circuit assemblies for all industries. Our production line is capable of handling any job, from medium volume to high mix, and even [prototype](#) runs. Whether you have unique scheduling requirements, special considerations, or assembly challenges to address, we have the capability and experience to serve your needs



Prototype Assembly ** NEW ******

In addition to our volume assembly service, PPSI is now also offering prototype PCB assembly. This new offering is designed for engineers seeking a quick turnaround on small quantity orders. To learn how PPSI can help you bring your new designs to life, please go to

<http://ppsimanufacturing.com/prototypes.html>



SMT and Through-Hole Capabilities

Our Surface Mount (SMT) capabilities include fine-pitch, lead-less, μ BGA, QFP and 0201 components. Our through-hole capabilities include axial and radial leaded components. Most assemblies we do are mixed technology (SMT and Through-hole). Please see [technology](#) for a list of processing equipment.



RoHS Compliance

The Restriction of Hazardous Substances (RoHS) Directive in Europe has led to an increased number of lead-free assemblies. Many manufacturers struggle with lead-free solder, but PPSI has the experience and equipment to handle all RoHS requirements. Our available alloys include Sn63 and SAC305 solder compositions.



Turnkey and Consignment

PPSI offers labor-only and turnkey manufacturing services. Our turnkey service is an effective way to outsource your materials management and find cost savings in your supply chain without expanding your business. We have experienced buyers who pursue the best pricing from the most qualified suppliers.



Testing Services

PPSI offers functional testing services for your finished products. Many companies do not have the resources or the time to test and troubleshoot every assembly that comes off the production line. Let PPSI handle your testing needs, using your procedures, methods and specifications.



Additional Services

PPSI also offers many services that add value to your products such as conformal coating, box building, component rework, repairs and component recovery. We know that your requirements will be ever changing, so we are committed to working with you to find the right combination of services to support your business.

PPSI's Primary Production Equipment

- A Commitment to Quality and Consistency



Technology

We are continually searching for ways to update our service offerings by expanding our capabilities. In order to keep up with rapid advances in technology and changing requirements, we never stop investing in our equipment and our facility.

Pick and Place:

- Assembleon MG1-R – 8 heads, 24,000 Chip Placements per Hour
- MyData MY9 – Up to 21,000 Chip Placements per Hour, 96 Feeder Positions
- MyData TP9-2U

Reflow Oven:

- Heller 1809 Mk III – 18 Zones + 1 Heated Cooling Zone
- Lovell Systems CCM 220

Screen Printing:

- (2) Dek 248 Printer – Equipped with DEKalign4 Vision System

Wave Solder:

- Electrovert UltraPak 337 Wave Soldering System
- Electrovert Econopak 229 with Wavedynamics

Inspection and Rework:

- Mirtec MV2-HTL Automated Optical Inspection Machine
- SRT Rework Station
- Mantis Inspection Scopes

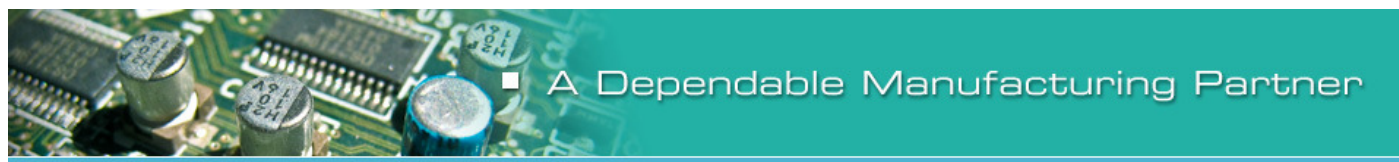
Cleaning:

- Electrovert H-500 Series Hydro-Cleaning System
- Deionized Water Equipped Rinse Cycle

Miscellaneous:

- WinKIC Profiling Software
- Bally Temperature Chamber

Company Background



In 1986, PPSI entered the electronics manufacturing market during a time of rapid development and innovation in the industry. Since then, in printed circuit assemblies, we have seen surface mount devices become mainstream. We have seen significant reductions in component sizes along with increased volumes in fine pitch, leadless, and BGA packages. And more recently, we have seen an industry-wide focus on improving lead-free assemblies to meet RoHS requirements.

Along with these changes in the industry, PPSI has itself, evolved throughout the years to stay ahead of the competition. And after more than 25 years in business we remain ahead of the technological curve, ready to face any manufacturing challenge. Our years of experience, our continuous improvements efforts, and our focus on understanding client requirements make us the ideal manufacturing provider for any industry. And with a new generation of management working alongside the original founder of PPSI, we are more energized and enthusiastic than ever about working with you to meet your manufacturing needs.

Mission Statement:

To deliver quality, consistency, and value in manufacturing services to our clients while continuously improving and advancing our capabilities, procedures and expertise.

Our Philosophy:

We understand that every company has unique business requirements that go along with unique manufacturing challenges. Service providers often attempt to fit all businesses into one rigid system, forcing their customers to make sacrifices in the production of their products. We don't believe you should make any sacrifices when it comes to your products or your business. Our driving philosophy is to work with you to find a service model that consistently delivers the optimal combination of cost and quality for your business. We want to be your partner, not just your vendor.

Vision Statement:

To establish PPSI as the foremost leading electronics manufacturer in the United States, to the benefit of our clients, our employees and our community.

Government Contractor:

PPSI is a proud CCR registered contractor authorized to work for the US government.

- Dun and Bradstreet (DUNS) Number: 161806815
- CAGE/NCAGE Code: 5TLM1

Minority Certified Business:

PPSI is also a Texas Small Business Administration certified Minority Owned Business.



Contact Us

- Exceptional Quality of Service

Thank you for your interest in PPSI. We look forward to hearing from you soon and serving your electronics manufacturing needs.

Quotes

To request a quote, please email all applicable gerber files, BOMs and assembly drawings to info@ppsimanufacturing.com and we will contact you within 24 hours. We are also available during business hours by phone at 281-933-9427. Our staff will be more than happy to speak with you about your quote request and answer your questions.

Tours

If you are interested in taking a tour of PPSI please call 281-933-9427 and we will schedule an appointment with you at your convenience.

Address

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Houston, TX 77099

E-Mail: info@ppsimanufacturing.com

Phone: 281-933-9427

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