

From concept through production,
tailored to suit your needs.

Manufacturing Space: 60,000 sq. ft.

Industry Focus: Medical, Industrial & Communication, Aerospace & Defense, Gaming & Infotainment

Overview:

Since 1981 PARPRO Technologies located in Santa Ana, California, has been a leader in the Electronics Manufacturing Services (EMS) industry serving OEM and ODM customers in the medical, industrial, computing/communications and aerospace/defense markets. We provide complete electronics assembly and electro-mechanical manufacturing services for PCB assembly, system builds, and cable assembly, along with high-end PCB design and engineering. PARPRO is a total solution that extends beyond your traditional electronics manufacturing services company providing customers a highly integrated environment to move from prototype to volume production in dramatically compressed time-frames.

Key Manufacturing Capabilities:

- Complex printed circuit board assembly (PCBA)
 - SMT and Through Hole
 - Flex & Rigid-Flex
 - Large Format PCBA's
 - Inspection & Test
- High-level electromechanical assembly and sub-assemblies (Box Build)
- Electrical & Functional Testing
- Engagement at any point from Concept to Production
- Cost containment for low to mid volumes and small run quantities
- High-performing, cross-functional teams dedicated to program

Design & Engineering Services:

- PCB Design
- DFM & DFX
- Hardware & Firmware Design & Assembly
- Specification and concept development

Application Experience:

- Medical Devices
- Industrial
- Computing/Communications
- Aerospace/Defence
- Gaming & Infotainment

Services:

- Full Turnkey Solutions
- Prototype
- NPI
- Production
- Supply Chain Management Services
- Direct Order Fulfillment
- Design & Engineering
 - DFM, DFT, DXF
 - Valor (DFM/DFX)
- BGA Rework

Technology Expertise/Equipment:

- All Component Placement
- BGA & MicroBGA
- 01005 Package Size Capability
- Fine Pitch
- POP - 0.4mm Package on Package
- Equipment
 - NXT II Fuji Line (2)
 - AMIEX Fuji Line (Large Format)
 - Mycronic Pick & Place
- Inspection & Test
 - Inline 3D SPI & 3D AOI
 - Inspection of BGA & Micro BGA Components 3D AXI (ViTrox - 3D X-ray)
 - Flying Probe Test System (Takaya APT-1400F)
 - ICT (In-Circuit Testing) - Genrad
 - J-Tag (Boundary Scan)
 - Functional - Multiple Options/Recommendations
 - System Level - Tuning Calibration

Certifications/Processes/Standards:

- ISO 9001
- AS9100
- ITAR Registered
- ISO 13485
- IPC610A Certified
- J-STD-001E Certified
- DFAR Compliant
- ComSec
- Lean Manufacturing



PARPRO Technologies

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