Logic PD is the contract electronics manufacturing services (EMS) company of choice for the most trusted technology brands in the world. For 50 years, Logic PD has excelled by providing tailored EMS solutions for regulated industries. We create the most complex and innovative electronic products for both connected and non-connected environments. With our Agile Planning Process at the core of Logic PD Business System (LBS), we adapt to meet our customers' high-mix/high-variability requirements and exhibit the flexibility required from a manufacturing partner. LBS is a result of a half-century of refinement, best practices, processes, and tools for high-mix/high-variability contract manufacturing.

From rapid prototyping, to low volume/high mix, to cost-optimized nearshore manufacturing options in Mexico, Logic PD leverages the latest technologies and techniques to meet customers' time-to-market, budget, and quality goals. Our robust, stable, and proven Quality Management System ensures that we deliver high-quality product every time.

For every aspect of your EMS needs, we're here for you as a partner each step of the way.

Learn more about Logic PD manufacturing at // www.logicpd.com/manufacturing
We provide high-mix/high-variability electronics manufacturing services for your product's complete lifecycle.

- Quick turn prototyping
- New Product Introduction (NPI), including prototype rework services
- Box build
- Total fulfillment services
- Post manufacturing services
- Domestic and nearshore facilities
- Full-scale production
- In-circuit, flying probe, 3D AOI, advanced boundary scan, functional & RF testing
- Jet clean with Ionic testing
- X-ray inspection
- Inline 3D AOI inspection post reflow oven and 3D SPI check
- Systems integration & system level testing

Current Certifications
- Nadcap accredited
- ISO 9001:2008
- ISO 13485:2003
- AS9100C:2009
- FDA 21 CFR 820 compliant

Customer Focused Teams (CFT)
Our CFTs work as an extension of your business and are assembled around your specific needs.

- Teams include
  - Dedicated, single point of contact
  - Engineers
  - Supply chain managers
  - Quality engineers & technicians
- Monthly, quarterly business reviews
- Monthly quality reviews
- Design for manufacturing reviews
- Design for testability reviews

Supply Chain
Directly impact your bottom line through our responsive supply chain management.

- Top-tier franchised distributors
- Consignment & kanban programs
- Obsolescence management
- Material traceability and routing process flow
- Lead-free capabilities throughout process

Capabilities
- SMT & auto insertion
- 10 zones reflow oven
- Paste-in-hole technology
- Double-sided mixed technology (SMT and through-hole)
- Automated depanelization & insertion
- Automated inline selective solder (lead and lead-free)
- Water soluble and no-clean process
- Aqueous wash with Saponifier
- Flexible final assembly lines
- Paperless shop floor documentation
- Conformal coating & potting
- Underfill, bonding, & several epoxies
- 0.3 mm pitch for QFP
- 0.4 mm CSP BGA & POP technology
- 01005 chip component
- Up to 2" square BGA
- Fine pitch (12 mils) & BGA placement and repair
- Large, complex PCAs
- High part count >3,000
- High layer count PCB
- MicroBGA & MicroCSP technologies

About Logic PD
Two Minnesota facilities, one in Mexico. IPC class II, III manufacturing, systems integration, prototype production, testing and engineering, ITAR compliant.

Logic PD guides clients through the full product development and electronics manufacturing process to accelerate their growth and capture value.