



Innovate at a New Tempo

Tempo is a software-accelerated electronics manufacturing company whose automated platform learns from every order, every build, and every step.



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Leading product companies partner with Tempo Automation to accelerate innovation. Tempo's electronics manufacturing platform takes a fundamentally different approach to deliver quality, speed and agility, together, unlike any other low-volume manufacturer. The platform's all-digital process automation, data-driven intelligence, and connected smart factory create a breakthrough competitive advantage for customers—to deliver tomorrow's products today.

Tempo Automation Overview

TURNKEY PCBA MANUFACTURING SERVICES:

- US-based manufacturing and assembly
- Low-volume: prototypes 1-250 and production 1-1000
- Smart sourcing of components and fabrication
- In-house DFMA
- In-house assembly

CAPABILITIES:

SOURCING:

- Real time stock visibility of over 8 million components with integrated components suppliers
- Customer specified vendors, consigned components
- Component cross and life cycle tracking

FABRICATION:

- 3mil trace and space
- 2-40 layers
- Blind, buried, and stacked vias
- HDI, micro-vias, controlled impedance
- Rigid, rigid-flex

ASSEMBLY:

- 01005 to 3in x 3in packages
- .3mm pitch BGA and CSP
- Staking, press fit, lead forming, underfill
- Flying probe, ICT, and functional testing

TEMPO'S DIGITAL DIFFERENCE:

ALL-DIGITAL PROCESS AUTOMATION:

- Maintains design intent throughout the whole process
- Real-time communication for high transparency
- Eliminates human errors to maximize speed and agility

DATA-DRIVEN INTELLIGENCE:

- Early insights on build/cost/reliability issues
- Prevention of issues before they occur
- Leverages large as-built manufacturing dataset that automatically applies collective knowhow to every job

CONNECTED SMART FACTORY:

- Speed through automation
- Highly granular data
- Traceability

CERTIFICATIONS & REGISTRATIONS:

- ASD9100D with ISO 9001:20015
- ISO 13485:2016
- IPCA610/JSTD0001
- JSTD001 Space Addendum
- ANSI 2020:2014
- IPC Member
- SMTA
- ITAR registered
- Lean Six Sigma