



# We Power The Work of Innovation

Get complex printed circuit board assemblies in days, not weeks.



## WHY TEMPO

Tempo's software-accelerated manufacturing process merges data, analytics, and automation to deliver new levels of speed, quality, and insights for rapid hardware development.

Whether it's rapid prototyping or low-volume production, Tempo Automation can realize your vision faster and more seamlessly than ever.

Experience Tempo's software-accelerated manufacturing, designed for The Work of Innovation.

## Tempo Automation Overview

### TURNKEY PCBA MANUFACTURING SERVICES:

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

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

#### ASSEMBLY:

- 01005 to 3in x 3in packages
- .3mm pitch BGA and CSP
- Staking, press fit, lead forming

### CERTIFICATIONS & REGISTRATIONS:

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

### ABOUT TEMPO:

#### WEBSITE & ONLINE QUOTING:

[www.tempoautomation.com](http://www.tempoautomation.com)

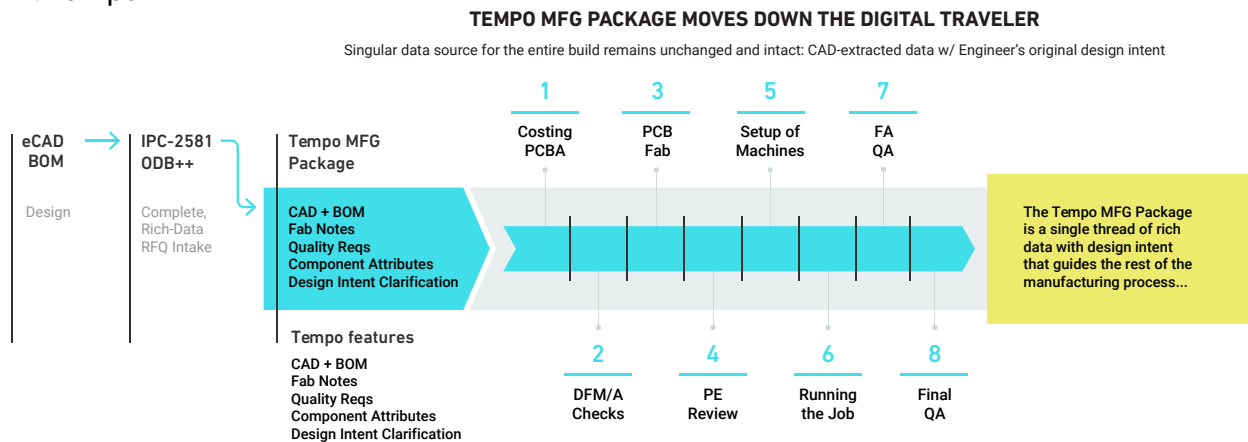
**ADDRESS:** 2460 Alameda Street San Francisco, CA 94103

**EMAIL:** [sales@tempoautomation.com](mailto:sales@tempoautomation.com)

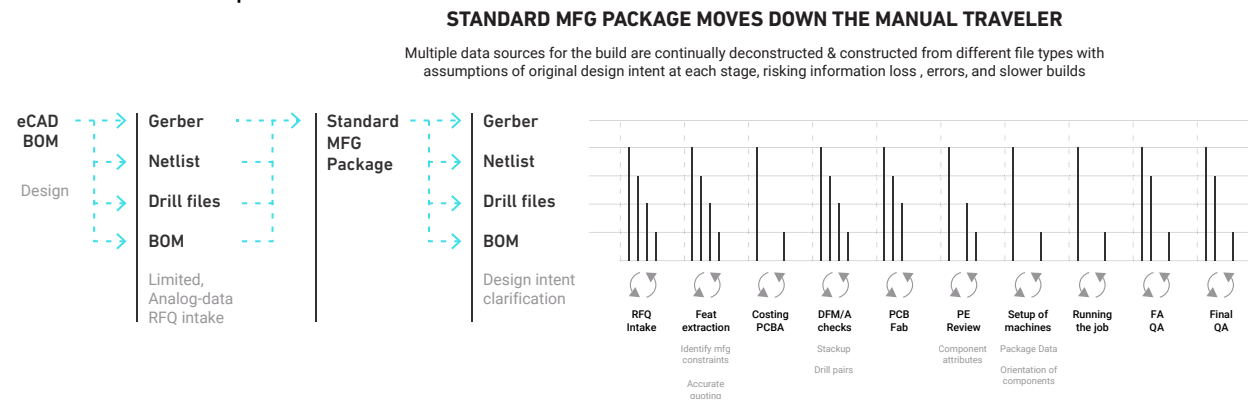
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# Tempo's Software-Accelerated Manufacturing Process

## At Tempo



## Traditional MFG process



## Story of Agility: Lockheed Martin & Tempo

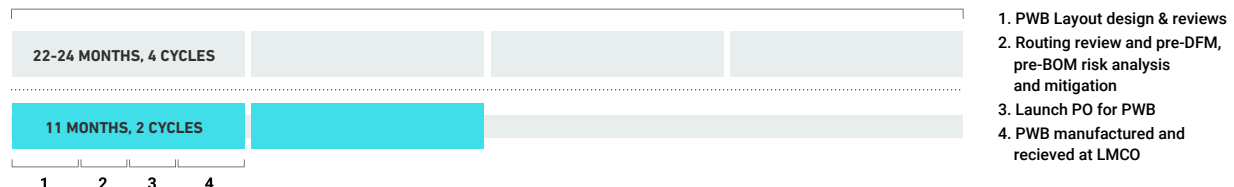
### DESIGNED SMARTER

Design team modularized and targeted different regions of the board to prototype early and often in the development process.

### BUILT FASTER

What would have taken nearly two years to get a production system developed with a traditional contract manufacturer got reduced to an 11 month timeline.

## Tempo Augmented Process CCA Design – Updates



"We're entering a new era of growth, and the future of electronic design at Lockheed Martin is digital. We chose to work with Tempo Automation because they have focused their technology from the beginning to embrace software automation on both the front- and back-end, intended to create a digital thread from design to delivery."

Jeff Wilcox, Vice President of Enterprise Transformation, *Lockheed Martin*