

San Francisco Circuits Updates Their PCB Prototype Capabilities for Improved Turn Times

“‘Borderless Boards’ is our philosophy—providing you with new PCB prototypes without technology borders.”

San Francisco Circuits announces new updates to their [PCB Prototype capabilities](#) and shares their readiness to make sure you get the highest quality PCB prototype applications available. Any prototype you want to have manufactured, San Francisco Circuits is able to have manufactured and assembled. And if you're looking for rapid PCB prototyping, they are also offering some of the best quick turn capabilities available in the industry.

If speed is of the essence, their rapid PCB prototyping turn times are unmatched—providing 24 hours for bare board fabrication or assembly and fabricated and assembled boards in 48 hours. These times are very fast compared to the standard quick turn of 3-7 days. San Francisco Circuits also ensures verification that your final application is ready for a full production run. And the sooner you receive your prototypes, the sooner the pre-production quality testing and prototyping iterations can be performed to gauge viability.

In terms of inspections and testing standards, San Francisco Circuits fabricates their boards to the IPC Class 2 and/or IPC Class 3 Quality Standards, depending on your required technologies. They have the capability to supply prototype boards for many industries including:

- Aerospace
- Automotive
- High Performance Computing (HPC)
- Industrial
- Medical
- Military / Defense

San Francisco Circuits also ensures all prototype PCBs go through standard fabrication tests and inspections to prevent issues. These tests are important for preventing design flaws, schematic problems, circuitry issues, and component shortages. Their team's standard fabrication tests and inspections include:

- DFM testing & analysis
- Design & BOM validation
- Standard electrical validation test (EVT) via flying probe
- A visual inspection is performed for PCB assembly.

Whether you are looking for single or double-sided FR4 boards, very high technology boards, or boards made with unique materials, San Francisco Circuits will be able to bring that design concept into reality. After you finalize a prototype, their team can also help you complete a full production run for your product/application, including full turnkey assembly, with even tighter

PCB tolerances. And when you decide to move into a production run with San Francisco Circuits, you'll pay no additional tooling fees.

San Francisco Circuits is one of the few PCB suppliers who not only can produce some of the best PCB prototypes, but they can also advise companies on how to select materials and manufacturing processes depending on your needs. They have expertise in many advanced technologies like thermal PCBs, microwave PCBs, heavy copper, rigid-flex PCBs, flex PCBs, and so much more.

If you want to talk with the San Francisco Circuits team to discuss your next PCB prototype, please contact their team for any PCB Prototype of any size and scope. They also have created [5 key considerations for PCB product prototyping](#) ensuring you'll get the best prototype you can get. You can reach out to them via their website at www.SFCircuits.com or by phone at 800.SFC.5143.