

## San Francisco Circuits Launches Expanded PCB Testing and Inspection Capabilities

[San Francisco Circuits](#), a recognized leader in Printed Circuit Board (PCB) fabrication, assembly, and testing, is now offering expanded [PCB testing and inspection capabilities](#) to its customers, further ensuring high-yield PCBs that meet rigid design and performance specifications across all applications and industries.

San Francisco Circuits offers PCB testing for Bare Boards (before the board is assembled) and Assembled Boards (once the board is assembled), that will detect and minimize issues that would affect performance.

“PCBs need to be tested early in the design and production phases in order to control component tolerances, part-to-part performance variations, and other factors that can negatively impact the delivery and operation of the end product,” says Sam Danovich, VP of Sales of San Francisco Circuits. “Our expanded testing and inspection services build on the experience and value that our customers have come to expect from us.”

San Francisco Circuits’ PCB testing services include:

- Bare Board PCB Testing
  - Design for Manufacturing (DFM) tests against netlists to detect “shorts” or “opens”
    - DFM performed before fabrication can minimize production delays and cost overruns
  - Testing methods include Visual Inspection, Automatic Optical Inspection (AOI), Time Domain Refractometry (TDR) Impedance Test, Military PCB Inspection Group A and B, Microsections Inspection, Electrical Test, and High Potential Testing.
- Assembled PCB Testing - once a board is fully assembled, further testing can often help identify issues before a large-scale production run to save time and money
  - Testing methods include Automated Optical Inspection (AOI), X-ray Testing, Flying Probe Test, Functional Test, Manual/Visual Testing

Contact an experienced San Francisco Circuits engineer to discuss their complete PCB capabilities, from production to testing, and learn how they can help bring your concept to reality. Call 1-800-SFC-5143 or email [sales@sfcircuits.com](mailto:sales@sfcircuits.com).