



SANMINA-SCI®

Extensive manufacturing and engineering capabilities.

PCB Fabrication

San Jose, California – Bering Drive

Count on a Sanmina-SCI partnership for expert services and leading technologies in the fabrication of PCBs.



The Sanmina-SCI® Bering, San Jose, California, facility is located in the heart of Silicon Valley. The facility specializes in quickturn high-technology prototypes, multilayer printed circuit boards (PCBs), large form factor backpanels and multi- and single-chip modules. With a suite of engineering, manufacturing and testing services, our Bering facility can develop engineering samples and help introduce new products to market with quick turnaround times for ramp to volume manufacturing.

For expert services, leading technologies, high-quality and cost-effective manufacturing capabilities in the fabrication of PCBs, count on a Sanmina-SCI partnership.



Manufacturing Capabilities

- Low- and medium-volume production
- Medium- to high-complexity components
- Clean room assembly
- Quickturn prototyping

Engineering Capabilities

- Board thickness .015 to .480 in.
- High-layer count (up to 60 layers)
- Mechanical and laser drilled micro vias
- PPR plating
- High-aspect ratio (up to 23:1)
- Specialty and high-speed laminates
- Sequential lamination
- Buried via cores
- Blind vias
- Panel sizes 16x18 to 28x42
- Embedded passives technology
- Heavy copper
- Positive etchback
- Epoxy via fill

Testing Capabilities

- Bareboard test (100% net list)
 - Universal bed of nails (3)
 - Flying probe (4)
- TDR (polar)
- Hi-pot

Technologies

- Laminates
 - Std. hi-temp FR
 - Hi-speed FR-4
 - Epoxy/PPO
 - BT/Epoxy
 - Low-loss PPE
 - Polyimide
 - Thermal set PTFE alternative
- Surface finishes
 - SMOBC/HASL
 - Fused tin lead
 - Selective solder strip (TAB)
 - Full and selective soft gold
 - OSP-Entek 106HT
 - Immersion silver, eNiAu

Logistics Services

- Online, real-time MRP
- Technical support staff

Certifications

- ISO 9001:2000
- TL 9000
- MIL-PRF-55110
- MIL-PRF-31032
- Telcordia GR-78-CORE
- UL approved



North America

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