

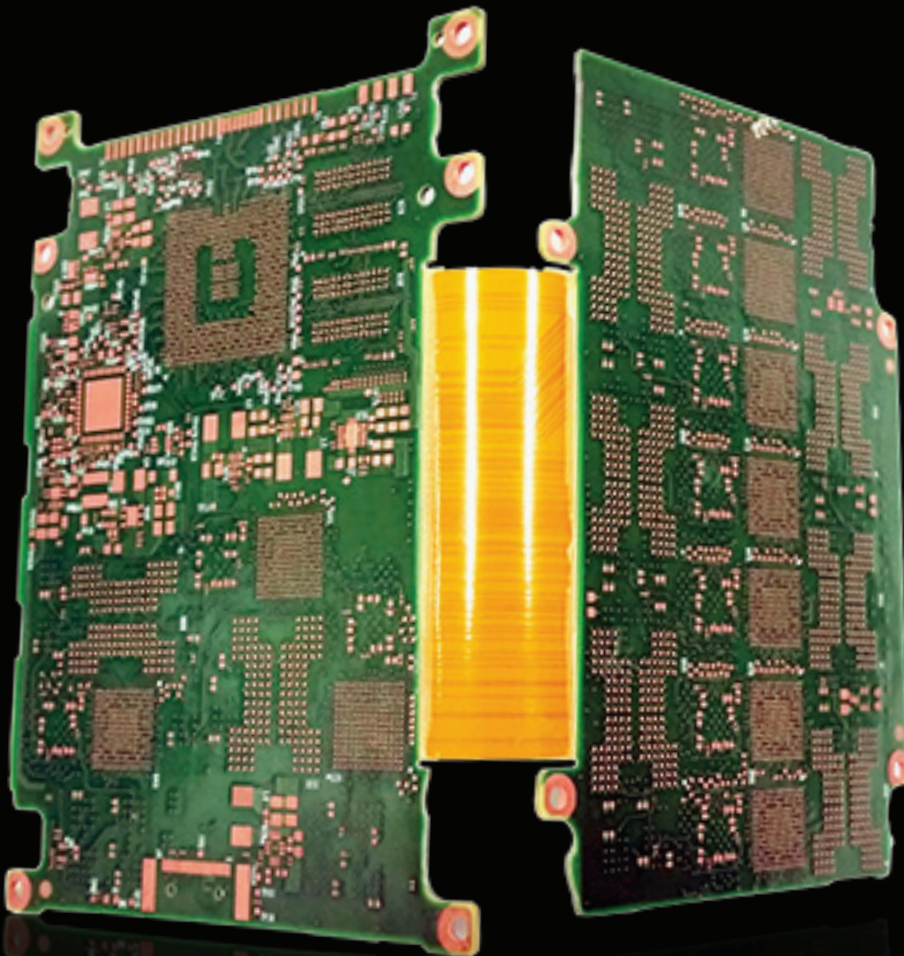
COSTA MESA, CALIFORNIA  
Flex Circuit & PCB Fabrication



## FINE LINE PCBs AND FLEX CIRCUITS.

Our Sanmina Costa Mesa, California facility offers the latest in high technology flex, rigid flex and printed circuit board solutions. Considered one of the industry's largest providers of flexible printed circuit boards, our 100,000 square foot facility specializes in HDI and wire bondable substrates, using the latest laminate materials and processes. Sanmina Costa Mesa is currently shipping products with inner and outer line widths and spaces of 1.5mils and 2.0mils. We deliver the most advanced manufacturing technologies, including organic substrates, multi-chip modules, PBGAs, buried capacitance®, buried resistance and flip-chip. This ITAR certified facility has 30,000 square-feet of clean rooms to develop state-of-the-art products for the defense & aerospace and medical industries.

To learn more, visit [www.sanmina.com](http://www.sanmina.com).



### MANUFACTURING CAPABILITIES

- Quickturn
- Sequential Lamination
- Laser Microvia
- Laser Direct Imaging
- .002 Line and Spaces on Outer Layers
- Wire Bondable Gold
- Solid Copper Fill
- Constructions to 32 Layers
- Board Thickness: 0.020 inches – 0.225 inches

### ENGINEERING CAPABILITIES

- SIR, SEM
- In-house Wire Bond Pull Testing
- New Product Introduction (NPI)
- DFM
- IST Testing

### MATERIALS

- Rogers 3000, 4000, 5000, 6000
- LCP
- High-Performance BT
- Megtron
- Arlon 37N, 85N, 85RT, CLE
- Thermount
- Nelco 6000, 6000SI, 7000
- Taconic RF-35
- BN300
- MICROLAM G410

### CERTIFICATIONS

- ITAR Compliant
- ISO 9001:2008
- ISO 14001:2004
- TL 9000 R5.0
- AS9100C
- TS 16949:2009
- UL Approved
- MIL-PRF-31032
- MIL-PRF-55110
- Telcordia Compliant
- Class 3