Mission Critical Rigid and Rigid Flex Printed Circuit Boards
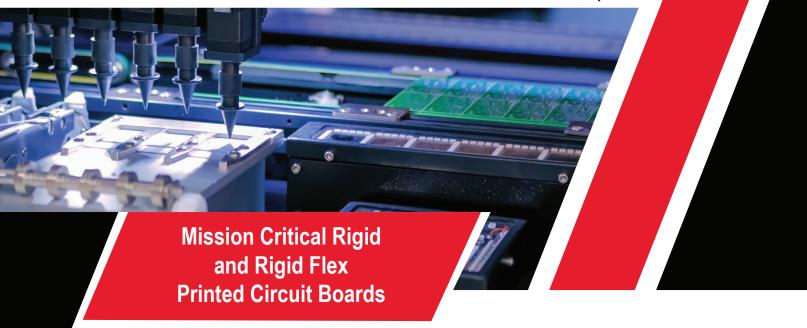
Our Sanmina Costa Mesa, California facility offers the latest in highly complex rigid and rigid flex printed circuit board development, NPI and low to mid volume production solutions. Considered one of the industry's most advanced printed circuit board technology factories, our 80,000 square foot facility specializes in HDI and wire bondable substrates, manufactured using the latest laminate materials and processes. The Costa Mesa facility operates a 30,000 square-feet clean room environment to develop and produce state of the art mission critical products. The organization supports products requiring very high quality, reliability and performance in applications including military, aerospace, medical, and industrial. It is currently shipping products that are used on our country's most advanced military systems. Our manufacturing team delivers advanced manufacturing technologies, including organic substrates, multi-chip modules, PBGAs, buried capacitance®, buried resistance, recessed cavities, and flip-chip.

MANUFACTURING CAPABILITIES
- Prototype / NPI
- Sequential Lamination
- Laser Drilling & Routing
- Optical Drilling & Routing
- FEP Bonding
- Hybrid Material Expertise
- 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
- Ohmega and Ticer resistor Foil
- Arlon 35N, 85N, 85NT
- DuPont Pyralux AP, FR, LF, TK, HK04
- Isola I-Tera, I-Speed, Astra, Tachyon
- Nelco N7000-2HT, N4000-13, N4800-20, Meteorwave
- Panasonic Megtron -4, -4S, -6, -6N, -7, -7N
- Rogers 3000, 4000, 5000, 6000 series
- Rogers LCP UltraLam, CLTE, CLTE-XT
- Rogers AD880, RT5880, RT5870
- Taconic RF-35, EZIO, FASTRISE

CERTIFICATIONS
- ITAR Compliant
- IPC 6012, 6013, and 6018 Class 3 and Space Addendum
- ISO 9001, ISO 14001
- AS 9100
- UL Approved

ABOUT SANMINA CORPORATION

Sanmina Corporation is a Fortune 500 company and a leading global provider of integrated manufacturing solutions, components, products, repair, logistics and after-market services. Recognized as a technology leader, Sanmina provides end-to-end manufacturing solutions, delivering superior quality and support to Original Equipment Manufacturers (OEMs) primarily in the communications networks, cloud solutions, medical, defense and aerospace, industrial and automotive segments. Sanmina has facilities strategically located in key regions throughout the world.