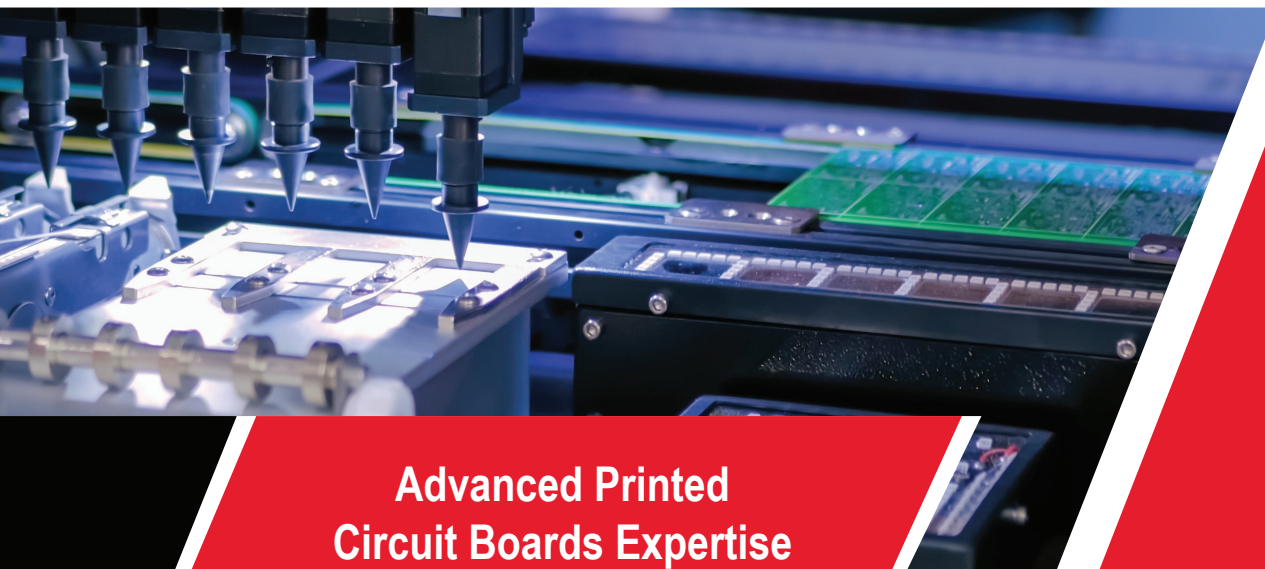




SANMINA

PCB Fabrication Penjuru, Singapore



Advanced Printed Circuit Boards Expertise

The Sanmina Penjuru, Singapore facility develops and produces advanced printed circuit boards (PCBs) for leading high technology companies in the optical, networking, medical, defense & aerospace and automotive industries. We specialize in high-density, microelectronic PCBs with mid-to-high layer counts. With 240,000 square feet of manufacturing capacity, our facility offers the flexibility to support quick turnarounds and New Product Introduction (NPI). Our Penjuru facility offers a number of PCB technologies including rigid-flex, fiber optic, sequential lamination/ subassemblies, heavy copper, via-in-pad-plated-over (VIPPO), and high density interconnect (HDI) technology.

MANUFACTURING CAPABILITIES

- Mid- to High-Layer Count (2 - 28 Layers)
- Aspect Ratio 12:1
- Controlled Impedance
- Laser Drill HDI
- Sequential Interconnect
- Sub 3 Mils Lines/Space
- Via-in-pad Interconnect
- Wide Range of Surface Finishes, Including Wire Bondable Gold
- Lead-free, Halogen-free, Low Loss, Ultra Low Loss, PTFE Materials

ENGINEERING CAPABILITIES

- New Product Introduction (NPI)
- Design for Manufacturability (DFxM)
- Product, Process and Quality Engineering

TESTING CAPABILITIES

- Flying Probe
- Surface Insulation Resistance
- AOI and IST
- Universal and Dedicated Testing

TECHNOLOGIES

- Rigid Flex/HVRFlex™
- Heavy Copper
- Advanced Materials, Hybrid Construction
- Embedded Passives, Embedded Coins
- HDI, Multiple Level Interconnects, Microvias
- Mixed Surface Finishes
- Via-in-pad-plated-over (VIPPO)

LOGISTIC SERVICES

- Direct Order Fulfillment
- Consignment and Warehousing
- Global Technical and Customer Service

CERTIFICATIONS

- ISO 9001 and ISO 14001
- AS 9100
- IATF 16949
- TL 9000
- NADCAP

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.

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For more information, visit www.sanmina.com