

Multilayer FR4 and Rogers Printed Circuit Board

Multilayer PCBs are constructed from FR4 and Rogers materials. They are designed for high-performance applications and ensure optimal signal integrity.



Overview

High-Performance Multilayer PCBs

These professional-grade multilayer printed circuit boards are engineered for high-performance applications, offering versatile layer counts from 2 to 30 layers. Constructed using premium FR4 (with various Tg options) and Rogers materials, these boards ensure superior signal integrity and thermal management. Every unit undergoes rigorous quality control, featuring precise trace routing and controlled impedance for reliable operation in demanding electronic environments.

Technical Specifications

Board Thickness

0.2 mm

Min Thickness

6 mm

Max Thickness

Layer Count	2-30 Layers
Base Materials	FR4 (TG130), FR4 (TG150), FR4 (TG170), FR4 (TG180), Rogers
Trace and Spacing	0.075mm / 0.075mm
Finished Hole Size	0.10mm - 6.30mm
Finish Copper Weight	17µm - 280µm

Manufacturing Details

Surface Finish Options

ENIG • HASL • Immersion Tin • Immersion Silver • OSP • Flash Gold Finger