



Multilayer

Representing more than 60% of NCAB's purchasing power, the multilayer PCB segment is by far our leading product. We buy more than 60M€ of multilayers boards each year, giving us substantial influence with our factories. We maintain more than a dozen local and off-shore factories to support this important segment from NPI through production volumes. We have developed a long standing relationship with these factories and have worked with most of them for well over 5 years. Our proven track record of high quality and on-time delivery performance highlights our dedication to customer satisfaction.

MULTILAYER PCBs – TECHNICAL SPECIFICATION

FEATURE	NCAB'S TECHNICAL SPECIFICATION
Number of layers	4 – 22 layers standard, 30 layers advanced, 40 layers prototype.
Technology highlights	Multilpe layers of epoxy glass fiber bonded together with multiple layers of copper of varying thicknesses.
Materials	High performance FR-4, Halogen-free FR-4, Low loss and High frequency materials
Copper weights (finished)	18um – 210um, advanced 1050um / 30oz
Minimum track and gap	0.075mm / 0.075mm
PCB thickness	0.40mm – 7.0mm
Maximum dimensions	580mm x 1080mm, advanced 610mm x 1400mm
Surface finishes available	HASL (SnPb), LF HASL (SnNiCu), OSP, ENIG, Immersion Tin, Immersion Silver, Electrolytic gold, Gold fingers
Minimum mechanical drill	0.20mm