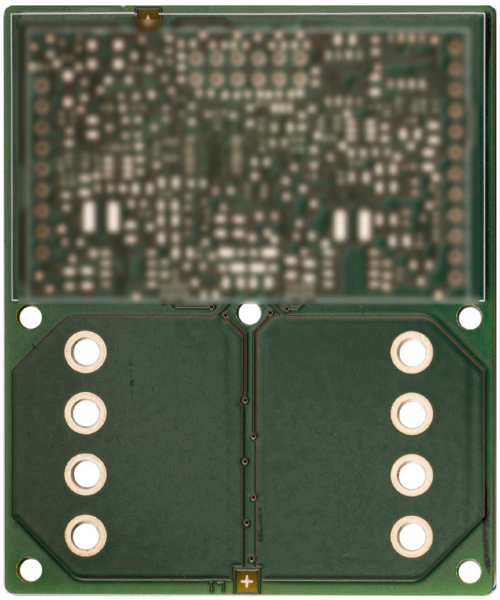
mypcbstore

Embedded Copper Coin (ECC)

Optimizing Heat Dissipation for High-Power Applications



COIN

OVERVIEW

Embedded Copper Coin (ECC) is a PCB technology where a solid copper insert is embedded in the stack-up to enhance heat dissipation. It acts as a thermal bridge between high-power components and heatsinks, reducing thermal resistance and improving reliability. Ideal for high-performance applications in power electronics, automotive, and telecommunications.

TECHNICAL DATA

TECHNOLOGY	EMBEDDED Cu COIN PCB
TYPE:	4 layers
BASE MATERIAL:	HTg
THICKNESS:	3,2mm
BASE COPPER O/L:	70um
BASE COPPER I/L:	70um
MIN. FINISH HOLES:	0,3mm
MIN. FINISH HOLES ON COIN:	3,2mm
PLATING:	2 STEPs OF PLATING

ROUT:	3 STEPs OF ROUTING
WEIGHT:	68gr (usually 24gr)
COIN DIMENSION:	25x32x3mm
HOLES:	PTH ON COIN
FINISHING:	Chemical Ag

for more info

albapcb.com

E203656