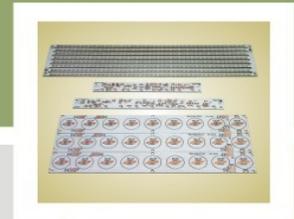
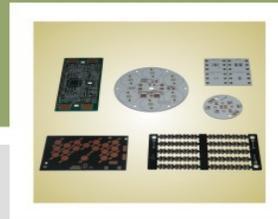
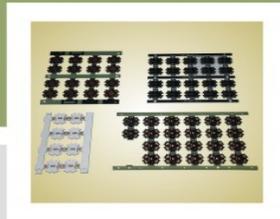


Metal Core PCBs for thermal management applications are now available through Optima from Nano Electrotech Pvt. Ltd. Typical applications include LED and general lighting, medical electronics, aviation, etc. Assembly capability also available through Optima for your one-stop shop needs!



## Metal Core PCB's



### Specifications of Aluminium based Copper Clad Laminates

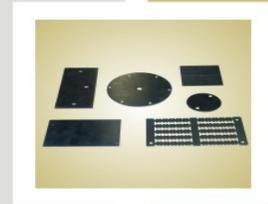
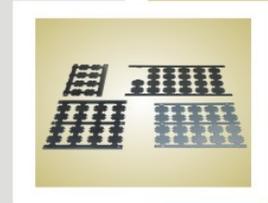
- Aluminium Grade: Al 5052 & Al 6061
- Aluminium Thickness: 0.8mm – 3.2mm
- Copper Thickness: 35um, 70um, 105um
- Dielectric Thickness: 3mil - 6mil
- Thermal Conductivity: 1.0W/mK – 4.0W/mK
- Dielectric Breakdown: 1200VAC - 2500VAC
- Glass Transition Temperature (Tg): 90°C – 180°C
- Comparative Tracking Index (CTI): 600V
- Solder Mask Colour: Black, White, Green
- Silk Screen Colour: White, Black, Yellow
- Finish: Tin Lead HASL, LF-HASL, ENIG, OSP, Immersion Tin

#### Applications:

Automotive, General Lighting, Landscape, Entertainment, Medical, Signalling, Aviation, Signage, etc.

Our boards are RoHS & REACH compliant as well as UL Approved.

All boards are manufactured to IPC standard IPC-A-600F. Also our company is ISO 9001:2000 certified and a member of IPC.



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