



PCB & ASSEMBLY SERVICES



PCB Proto

- 1, 2 or 5 PCBs with a 3WD lead time
- 2 or 4 layers pooled on Mid Tg lead-free FR-4 material

Fast and simple prototyping. We ignore the options typically needed for series production (peelable masks, via-filling, specific finish, soldermask colours, etc.) as these are not usually crucial for making a functional prototype.



DEFINED IMPEDANCE pool

- 4, 6 and 8 layers pooled on IS400 - Mid Tg lead-free FR-4
- Handy impedance calculator which calculates the geometry of the tracks

So many of the devices we use daily are connected via the internet (IoT) making our daily activities easier and with this comes the need for faster and faster connections (USB3, 5G, etc..) and for PCBs with specific impedance requirements for certain tracks.



STANDARD pool

- Up to 16 layers, pooled until 8 layers
- Smart menus with +970 predefined buildups and 700 validation rules

A wide range of pooling and non-pooling options to cover most of your needs for standard PCB production, presented in a single clear smart menu.



IMS pool

- 1 layer pooled on Aluminium backed material with 2.0 W/mK thermal conductivity
- Black or white soldermask and lead-free HAL finish

Do your PCBs have an issue with dissipating heat? Our Insulated Metal Substrate (IMS) service offers a cost-effective solution that dissipates heat efficiently away from the source.



RF pool

- 2 & 4 Layers pooled on special RF materials
- Electroless Nickel Immersion Gold (ENIG) or Che Ag Lead-free finish

Where frequencies of several Gigahertz form the basis of an electronics application, PCBs built with special materials suitable for these frequencies are needed.



SEMI-FLEX pool

When assembling your product, bending the PCB is only needed once, a bendable PCB may be the right solution rather than a flexible PCB! We offer a bendable or flex to install PCB that is typically four layers and made entirely of FR-4 which can be bent in multiple directions. But unlike conventional flex-rigid PCBs, the flexing element is a thin FR-4 core rather than polyamide.

We supply PCBs with or without assembly and with enclosure if required.