



STANDARD pool – the best pooling performance from MakeMyPCB

“STANDARD pool” – your default choice for your PCB

MakeMyPCB’s “STANDARD pool” service aims at covering most of your needs for standard PCBs production. With a service up to 8-layers and many technological options (peelable mask, via-filling, specific finish, soldermask colors, etc...), it is one of the best performing pooling services in the market. Order-pooling means that you get attractive prices, fast deliveries and no tooling charges, and with “STANDARD pool” for the widest range of options.

What do you get?

- A one page menu for fast ordering of standard PCBs
- Up to 8 layers, from 1 piece onwards
- 6mil technology boards at pooling prices
- Fully-finished with 2 solder-masks and 1 silk-screen
- Many technical options available
- Three lead-free finishes: immersion silver, electroless nickel immersion gold or lead-free hot-air levelling
- FR-4 - RoHS compliant material optimised for lead-free soldering with standard build-up
- No tooling charges
- No minimum order charge
- Direct online calculation
- 100% CAM verification prior to manufacture

How to get prices and place orders?

Log in and go to [Place order](#). Enter number of layers, dimensions and delivery term and that’s it - nothing more. You see the price at once. Attach files and the order is placed. To choose options open the technical specifications and select what you need.

New user?

Not yet signed up to **MakeMyPCB** and our other low-cost online services? Just go to [Sign up](#) and fill in the short form.

How do we keep “STANDARD pool” prices down?

MakeMyPCB are specialist manufacturers of prototype and small batch PCBs. We are experts in order-pooling. Placing different orders on a standard production pooling panel minimizes set-up and production costs so you get good prices and no tooling charges. Because of the large numbers of orders we receive daily, we can offer a large number of technological options in our pooling services. We do a 100% check on your data before manufacture to make sure that you get the boards you want.

Number of layers	1, 2, 4, 6, 8
Maximum PCB dimension	16.73"x16.73"
Minimum PCB dimension	0.2"x0.2"
Base material	FR-4, Td>=325°C, T260>=60', T288>=5', CTEz=<3.7%, Tg>=135°C
Base material thickness	0.062" for 1L/2L only: 0.039" & 0.093"
Base copper foil – outer layers	1L: 1oz, 2L: ½-1-2oz, 4-6-8L: ½oz,
Base copper foil – inner layers	1oz
Surface finish	Lead-free for best price, ENIG, IM Ag, LF HAL
Soldermask type/color	LPI: Green, black, blue
Extra options	Gold fingers, carbon pads, peelable mask, via filling
Legend color	White one or both sides
Min. track width/spacing	6mil
Min. finished hole size	0.010". Press fit holes
Minimum outer layer pad diameter = finished hole size + listed value	Hole ≤ 18mil: 14mil Hole ≥ 20mil: 16mil
Minimum inner layer pad diameter = finished hole size + listed value	Hole ≤ 18mil: 18mil Hole ≥ 20mil: 20mil
Minimum copper to board-edge clearance – outer layers	10mil (routed), 18mil (V-cut). Copper up to edge. Plated holes on edge
Minimum copper to board-edge – inner layers	16mil (routed), 18mil (V-cut). Copper up to edge. Plated holes on edge
Slots and cut-outs	Internal milling with tools from 0.020" upwards
Delivery panels	0.079" break-routed + V-cut scoring
Multilayer-build	Standard
Electrical test	Standard for ML, option for 1-2L
UL marking	Available
Stencil material	130µm stainless steel
Maximum stencil size	23.62" x 23.62"