

PCB SPECIFICATIONS FOR STANDARD TECHNOLOGY **ONLINE SPECIALS**

2 layers through 6 Layers, FR4, 0.062" boards, including Solder Mask and Silkscreen

Brief Description	Standard Technology only. 2 layer, 4 layer, and 6 layer PCBs. Turn Times: 3 days, 5 days and 10 days.	Online Pricing Examples	2 Layer, 10 sq", 5 boards for about \$13 each. 4 Layer, 10 sq", 5 boards for about \$32 each.
Material & Board Thickness	FR4 material, 0.062" thick boards	Surface Finish	HASL (Hot Air Solder Level)
Maximum Area of Board	Your board area can be up to 100 square inches.	Max. X or Y Dimension	15.9"
Holes	50 holes / sq inch allowed. Plated holes are expected.	Minimum Hole Size	0.015" finished hole size. NOTE: Any number of drill sizes is okay.
Minimum Annular Ring Width	0.005" (5 mils) (Pad diameter must be at least 0.010" more than hole diameter).	Minimum Trace/Space	0.006" (6 mils) minimum trace 0.006" (6 mils) minimum space
Copper Weight	1 oz outer, 1 oz inner	SMT Pitch	0.025" (0.63 mm) or more (applicable to multi-layer boards only)
Solder Mask & Silkscreen	Green LPI on both sides with White silkscreen on top side.	Minimum Quantity	No minimum quantity; even 1 PCB can be ordered.
Routing & Outline Restrictions	Individual Routing only. No Arrays. Rectangular boards are expected, but Notches, Rounded Corners, Chamfers are allowed.	Files Needed	Design files in Gerber 274X format. Excellon Drill file in ASCII format.

Optional Features Available for Extra Charges:

- Non-Plated Holes
- Smaller Hole Sizes (down to 0.012")
- Smaller SMT Pitch (below 0.025")
- More than 50 holes/square inch
- Silkscreen on the 2nd side.
- Smaller Traces/Spaces (down to 0.005")
- Electrical Testing (mandatory for 6 layer boards)

How to Order:

1. Log in/register at www.pcbfabexpress.com
2. Get an instant quote by selecting from the available specs/features
3. Place an order using Credit Card (Visa/MC/Amex)
4. Upload your Gerber 274X Design files

If your boards do not meet the above Standard Technology PCB Specifications or they require **Gold, Cutouts/Slots, Internal Routing, Step & Repeat, Scoring, Tab & Route, UL Marking, Controlled Impedance/Dielectric or other special requirements** or if you need pricing for **production quantities**, please contact us for a **Custom Quote** at www.pcbfabexpress.com/customquote .