

Board Houses

- Advanced Circuits
- Speedy PCB
- iTead PCB
- Seeed
- OSHPark

Board Parameters

- Layers
- Size
- Thickness
- Finish
- Solder Mask - Color
- Silk Screen on back

Layers

- Normal is 2 sided
- 4 layer - multiple boards bonded together
- Power and Ground on inner layers
- Vias
- Buried Vias
- Inner Layers can have traces
- Copper pour

Size

- Service to select may depend on size
- Shapes
- Cutouts

Thickness

- Some services offer different thickness
- .6 to 2.0 mm

Finish

- Hasl - Hot Air Solder Leveling
- RHOS
- EING - Electroless Nickel Immersion Gold
- Immersion Tin
- Electorplated Gold
- Immersion Silver

Solder Mask Color

- Blue
- White
- Red
- Yellow
- Black

Advanced Circuits

- Gold Standard
- Local
- Quick Turn Around
- You Can't Afford It

SpeedyPCB

- Do a Quote
- Processed in China
- Two to Four Weeks
- Good for Production Runs

iTead

- Buy a Service - Includes 10 Boards
- Depends on Size
- Options on Thickness, Color, Finish
- Two to Four Week Turn

Seed

- Similar to iTead
- Buy a Service - Includes 10 Boards
- Depends on Size
- Options on Thickness, Color, Finish
- Two to Four Weeks Turn

OHSPark

- Priced by Sq. Inch - \$5
- Three Boards
- EING Finish - Blue Color
- Fantastic Quality
- Two to Four Weeks Turn
- 4 Layer - \$10 per Sq. Inch

PCB Resources

Board Houses

1. Advanced Circuits
<http://4pcb.com>
Do a quote
Local - quick turn - expensive
2. SpeedyPCB
<http://www.speedypcb.com>
Do a quote
Can be used for Production Runs.
3. iTeard
http://store.iteadstudio.com/index.php?cPath=19_20
Buy a service based on size
Lots of options, can be very reasonable
4. Seeed
<http://http://www.seeedstudio.com/depot/services-c-185.html>
Buy a service based on size
Lots of options, can be very reasonable
5. OSHPark
<http://OSHPark.com>
Price by Size - \$5 per Sq. Inch
Great Quality
4 Layer - \$10 per Sq. Inch