



Devil Circuit Boards Fabrication and Assembly Checklist

WWW.DEVILPCB.COM 1-833-DVL-PCBS

For Fabrication:

- ✓ All Gerber and N/C Drill files for all layers in zip file.
- ✓ Fabrication notes for PCB board construction with the following:
 - a. Board material (ex. FR4, Poly, Isola)
 - b. Board thickness (.062" is most common, others available)
 - c. Board layer stack up if more than two layers.
 - d. Copper weight (Typically 1oz)
 - e. Plating requirements (ex. HASL, ENIG, Immersion Tin)
- ✓ Necessary fabrication quantities (subject to minimum fab requirements)
- ✓ Requested lead times for fabrication (subject to variable pricing)
- ✓ All boards will be quoted to IPC-6012 Class 2 requirements.
- ✓ RoHS requirements

For PCB Assembly:

- ✓ All Gerber and N/C Drill files in zip file. (Needed even if we are not doing fab)
- ✓ Complete Bill of Material with the following:
 - a. Manufacturer part numbers
 - b. Quantity
 - c. Reference designators
 - d. Descriptions that list case size or packaging with critical values and tolerances.
- ✓ Solder type requirements (Sn/Pb or SAC305 for RoHS)
- ✓ Centroid Pick and Place files (x,y location data)
- ✓ Hard delivery date requirements (we do not accommodate tiered pricing for assembly lead times)
- ✓ All assemblies are quoted to IPC-A-610 Class 2 requirements.

See our website [here](#) for a more detailed explanation for both PCB fabrication and assembly requirements. To start a quote, go [here](#)!

Thanks for reading!