



**QUICKTURN PROTOTYPE PCB FABRICATION AND ASSEMBLY
ISO 9001:2008 & ISO 13485:2003 Certified**

CHECKLIST TO GET A QUOTE: SIERRA CIRCUITS, INC.

Here is a basic checklist of information needed to provide a quote. Please make sure you have indicated:

- A part number (including revision number) for your design to ease tracking
- Your deadline for order shipment, known as turnaround (short turnaround increases cost)
- The quantity of boards required
- Board thickness (.062 inches, .032 inches, .093 inches). .062 inches is standard
- Type of board material (FR4, high-temp FR4, Rogers, Teflon, etc). FR4 is standard
- Number of layers
- Surface finish (SMOBC, HAL, immersion gold, etc). SMOBC and HAL are standard
- The color for solder mask and component overlay. Green is standard
- Copper weight on outer layer (1 oz., 2 oz., etc). 1 oz. is standard
- Copper weight on inner layers (.5 oz., 1 oz.). Either is standard
- The minimum trace and space widths in your design
- Indicate your board dimensions on a mechanical layer
- Do you want your boards to remain panelized, or supplied individually cut?

Files required for bare-board fabrication: Gerber files, drill files, IPC-356A (optional)

Files required for SMT assembly: Gerber files, drill files, X-Y data, Bill of Materials (BOM) in Excel format (for both consigned and turnkey orders). See [Example BOM](#).

You can easily send requests and inquiries at <https://www.protoexpress.com/content/support.jsp>. We look forward to serving you.

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