

For Faster Quote Service, following information is required. (For format of Bill of Material (BOM), excel or CSV is preferred)

**For PCBA (printed circuit board assembly) quote.**

1. Please indicate and/or state one of the follow quote.
  - a) **Turnkey Quote.** (AQS procures all the material needed on the Bill of Material (BOM) and labor for assembly)
  - b) **Consign Quote.** (Customer provides all the material needed on the BOM and AQS provides only labor for assembly)
  - c) **Partial Turnkey Quote.** (Customer provides some of the material needed on the BOM and AQS provides rest of the material and labor for assembly)
2. Please indicate and/or state, if your product is subject to **ITAR** (International Traffic in Arms Regulations).
3. Please indicate and/or state quantities which you want to see the cost break down.
4. For Proto-type build, we offer one day turn-around to 2 weeks. Please indicate and/or state production turn-around days which you want to see the cost difference on labor.
5. Please indicate and/or state one of the follow process that we offer
  - a) ROHS No-Clean Process
  - b) ROHS Clean Process
  - c) Leaded No-Clean Process
  - d) Leaded Clean Process\*Clean process means, the board will go into wash-machine to clean the flux residue. (If customers choose to do clean process, customer has to notify us of any components that are sensitive to water washing process.)
6. Documents that we need to provide accurate quote.

For **Consign Quote:**

- a) Bill of Material (BOM)
  - Typical BOM should contain,
    - i) Description of component,
    - ii) Quantity per each board, and
    - iii) package type of the each component.
- b) Paste and Silkscreen layers from Gerber file.
- c) Any other special assembly instruction.
- d) Any test requirements.

For **Turnkey Quote** or **Partial Turnkey Quote**;

In addition to above (for consign quote requirements),

BOM should contain,

- i) AML (Approved manufacture name and their part numbers)
  - ii) Complete gerber file along with fab notes (If AQS needs to get PCB (fab) quoted)
7. If you like our quoted price, then for production, we will need following information on the BOM in addition to information provided during quote.  
That is, i) ASCII Cad file along with centroid file which typically shows X, Y coordinates rotation and ii) reference location of each component.  
\* ASCII Cad file is to check polarity of each component on the board. If Silkscreen on the PCB is well designed and indicated, we do not need.
8. Any test requirements.

**For Box Build & System Integration quote,**

1. Please indicate type of quote requested on one of the followings
  - a) Turnkey Quote
  - b) Consign Quote
  - c) Partial Turnkey Quote\*For definition, please see above section of "For PCBA (Printed Circuit Board Assembly) Quote".
2. Please indicate and/or state, if your product is subject to **ITAR** (International Traffic in Arms Regulations).
3. Please indicate and/or state quantities which you want to see the cost break down.
4. Multi-level BOM  
Please include mechanical drawings on any custom made parts.  
(\* indicative of any critical dimension would help to ensure quality of the final product)  
For die-cast, metal piece, sheet metal and plastic molded, 3D drawing would help for accurate quote.
5. Assembly instructions.  
(\* indicative of any critical steps for assembly would help to ensure quality of the final product)  
If assembly instruction is not available, we can help to generate MPI (manufacturing process instruction) if sample unit can be provided.

6. Any test requirements including burn-in test requirement.
7. Any final pack-out requirements  
We can also help to design retail boxes.

**For any other sourcing quote,**

Please inquire within. Our team is ready to serve your needs.