

How Do I Place a PCB Assembly Order [2021]



Finding the right printed circuit board assembly partner is a matter of crucial importance. In case you are making outsourcing plans, then do your homework diligently. It is a proper selection that will ensure justice for the product. In case of a wrong selection, you may end up with faulty products, which will mess up the entire system. The presence of a wide range of options and the impact of this step make the decision-making process more intimidating.

Develop an understanding

In the manufacturing process, various electronic components are necessary for developing a board into a circuit. This vital phase will enable an electronic product to function properly. PCB assembly services manufacturers have experience in delivering superior quality products which can match your exact specifications.

Surface mount technology

This is the technique that is used for assembling a vast majority of the printed circuit boards. By utilizing this technique, you will be able to obtain less than a fraction of the size and weight compared to the ones created through-hole manufacturing. This technique is way faster and is an economical option in comparison to the latter one. [PCB assembly services manufacturers by GreatPCB](#) can satisfy your requirements through their extensive range of services.



Thru-hole technology

This technique is old and involves the placement of units into the board on drilled holes. After the drilling of holes, leads are inserted within them. One of the significant advantages of this assembly method is creating a powerful bond between the components and the board. This enhances the durability of the product. If you make a comparison with surface mount technology, then this method is a lot more tedious and costly too. It is ideal for products that need to undergo mechanical stress significantly and have to endure high voltage. It is also a perfect choice for components of larger size, for instance, transformers and connectors.

As per specifications

During the decision-making process, you will have to give the topmost priority to the quality aspect. The aspect of quality includes making a board of the right specifications, accurate positioning of drilled holes, passing through the bare board test, and curtailing board warping to a minimum. They should provide the board as stipulated with the layers, tolerances, specific demands, and kinds of materials. It would help if you made a checklist of your requirements and then match it with the services they are willing to provide.



Cost structure

For the establishment of any business relationship, the cost factor plays a vital role. It would be best if you were willing to spend something extra to get high-quality products or services. The investment will prove to be beneficial in the long run. You should make a list of potential partners and invite quotes from them. Certain factors such as the size of the order and the type of services requested will have a significant bearing on the pricing structure. Though you will have to shell out considerable money for larger orders, you may benefit from bulk pricing. The costs will increase further if you place a request for additional servicing. Another economical option is providing the company all the components they need instead of buying them directly from the assembler.

Think prudently

You should diligently research companies having specialization in printed circuit board projects. For this purpose, you may want to use the online platform. The company should be an established name in the industry and must have outstanding customer care support services. It is a prudent decision to go through the reviews of past clients to obtain a thorough understanding of how the company operates.



GREATPCB SMT LIMITED

CONTACT US

Address: 22, Science Park, The Northern part of HeYi Village, ShaJing Town, Bao An, Shenzhen, GuangDong, China, 518104

Phone: +86-755-27810810

Fax: +86-755-27810813

Email: sales@greatpcb.com

WhatsApp: +86-13682523810

Skype: GREATPCB

Website: <http://www.greatpcb.com>

