

Request customer documents

for the provision of documents

1. Documents

- If possible, all submitted documents should be packed in a machine-readable form (zip, arj). The file designation should contain the abbreviated designation and version status.
- The identification of each document page (not only the title page) must be clear (designation, version status, processor and creation date - not printing date).
- The representations must be clear and legible.
- The documents must be handed over to the sales department or the customer service department when the production order is placed.*
- Changes made by the customer must be sent to the customer service department in writing, by e-mail or fax.*
The changes must be explicitly described or marked in such a way that all changed items can be clearly seen.

2. Data formats

The documents should be provided sorted by assembly and if possible in the following format:

- Parts lists: xls
- per item: number, exact type designation, value, design type, reference, manufacturer (if possible alternative manufacturer).
- Circuit diagram: pdf (if required e.g. for testing).
- Assembly drawing: pdf (reference marks).
- Test instructions: doc or pdf.
- Assembly instructions: doc or pdf.
- Construction drawings: pdf.

Special PCB submissions:

- Raw LP data: Gerber format.
- LP master sheet: Please use „Raw board customer details“ form, contact customer service if you have any questions.
- Solder paste stencil data: *Gerber format.
It is possible to have the required files generated by our LP manufacturers.
- Pick and place: *PickPlace format.

* *not required in the offer phase*

If necessary, the documents supplied may deviate from these regulations, but please note that experience has shown that this is a potential source of manufacturing and quality problems.