

Rapid Sample: Technical Specifications Version 01 BOM - Gerber - CAD - ODB++

SOLUTIONS FOR YOUR IDEAS

Specification BOM

- Manufacturer / manufacturer releases:
 a) alternative manufacturer specified in the BOM
 b) manufacturer-free on the basis of technical parameters
- Customer material numbers
- Mounting locations
- Description
- Marking customer provision
- Positions
- Component marking THT / SMD
- Units of measure (pieces, grams,...)

BOM must be in Excel format (in the first tab)! See also separate sample BOM as download. Please note: Smallest mountable design is 01005



2

Specification GERBER

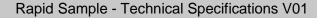
- Gerber files (as ZIP) are sufficient for the request.
- Gerber data of the raw PCB with layer structure!
- However, CAD data are absolutely necessary for production!

Pos. ÷	Layout System 🗘	Import Filter 🗘	Extension 🗘
1	Gerber	Gerber 274x	.gbx

• Other Gerber formats:

Gerber	various	.gbr .ger .pho	Gerber	The preferred "Gerber data" are the extended gerber data. Working with the RS-274-D format can cause more effort and sources of error when insert the D-Codes than working with the RS-274-X format (integrated D-Codes).
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3

Specification CAD data

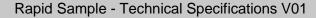
- ODB++ is the preferred CAD data format!
- To note: Binary data is not supported.
 Data in ASCII format can be read.
- The following CAD data formats can be processed by Zollner.

Pos.	Layout System	Import Filter	Extension
1	ODB++	ODB++	.tgztar, .gz. zip
2	CAMCAD	ccz	.ccz / .cc
3	Gencad	Gencad 1.4	.cad
4	Autodesk	eagle	.brd
5	Fabmaster	Fabmaster	.fab, .fat

- If your preferred CAD file format is not available: contact us and we will find a solution.
- Further data (as PDF):

Component layout diagram with component polarity - Relevant drawings - Specific data sheets Circuit diagram (only required for test option Flying Probe)





4

Specification ECAD

Contents ODB++ / alternative file formats

- Installation locations incl. polarity markings
- mount_type (SMT, THT)
- PCB stackup incl. PCB thickness
- Fiducials
- additionally only if test option 'Flying Probe' is selected
- Nets
- Wiring Layout
- Test Points



