

About PCB Footprint / Symbol library data (".bxl" file)

The PCB Footprint / Symbol library data released on the ROHM website is exclusively for the component library data generation tool (Ultra Librarian® Free Reader, hereinafter Free Reader) that supports more than 20 types of PCB design CAD tools.

Please use the Free Reader to convert the file to be imported into the PCB design CAD you are using, and then import it into the PCB design CAD. The following data can be used by this process.

- Component symbol data for the circuit schematic
- PCB footprint data

<<How to use >>

1. Download Free Reader then install it to your PC

You can download Free Reader from the Ultra Librarian website.

<https://www.ultralibrarian.com/products/free-reader>

(Confirmed May, 6, 2020, Free Reader v8_3_122)

To download, you need to enter information such as your name and email address.

After downloading, follow the instructions of the installer and install.

2. Generate import data for your PCB design CAD from BXL files

An example of using Free Reader v8_3_122 is shown below.

<< When import data is generated after starting Free Reader >>

Start Free Reader

→ [Continue free]

Load BXL file

→ [Load Data]

Select your PCB design CAD tool

→ [Select Tools]

Export data

→ [Export to Selected Tools]

<<When directly opening a BXL file to generate import data>>

Open BXL file

→ [Continue free]

Select your PCB design CAD tool

→ [Select Tools]

Export data

→ [Export to Selected Tools]

The data will be generated in the following locations. :

Example "C:\UltraLibrarian\Library\Exported"

3. Import to your PCB design CAD

Please refer to the Ultra Librarian help site as the import method differs depending on each PCB design CAD tool.

<https://app.ultralibrarian.com/content/help/>

<<Notice >>

- A specific number may be added to one pin name.
(When assigning one signal to multiple terminals such as power supply input)
- The types of symbols data may include the following two types.
Footprint data is common.

File name	Naming convention of circuit symbol data
SEQ_XXXX.bxl	Circuit symbol data in the order of package terminal numbers
FUNC_XXXX.bxl	Circuit symbol data in the order described in the data sheet (optional)

- This BXL file is also compatible with Ultra Librarian Online Reader.

<https://www.ultralibrarian.com/products/online-reader>

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