

Library for Keysight Genesys

User Manual





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1. About this manual

- This manual is for users of the design kit (the "library") that provides the parameters of Murata Manufacturing Co., Ltd. ("Murata"). It describes the operations from library installation to using the library in the schematic window.
 - Although operating the Library in accordance with this manual can basically perform the required operations, some operations may differ partially depending on the environment used.

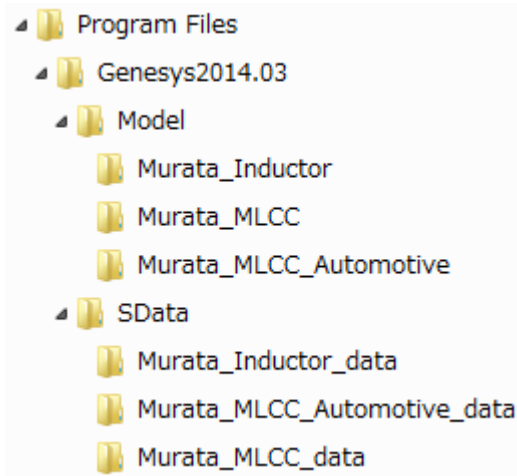
2. Operation environment



- This manual is described based on the following environment. See the manuals for the PC, etc. used in the actual environment.
 - OS: Windows 8, 7
 - It is necessary to have the administrative right to install the library.
 - Genesys version: 2012.01

3. How to install (1)

1. If the previous version is already installed, delete “Murata_Inductor_data”, “Murata_MLCC_Automotive_data” and “Murata_MLCC_data” folders in the Genesys Install Folder (C:¥Program Files¥ Genesy2014.03¥SDATA).
2. Move the downloaded files of “muarta_library_genesys_*.exe” to C:¥Program Files¥Genesys2014.03 and double-click to install.
3. Check if “Murata_Inductor_data”, “Murata_MLCC_Automotive_data” and “Murata_MLCC_data” folders are made under the Genesys Install Folder (C:¥Program Files¥Genesy2014.03¥SDATA).



3. How to install (2)

4. Install “Murata_*.xml” files in each “Murata_*” folders in C:\Program Files\Genesys2014.03\Model by using “Genesys Library Manager”.

(1) Select Tools -> Library Manager from Genesys menu.

(2) Click the “Add From File...” button.

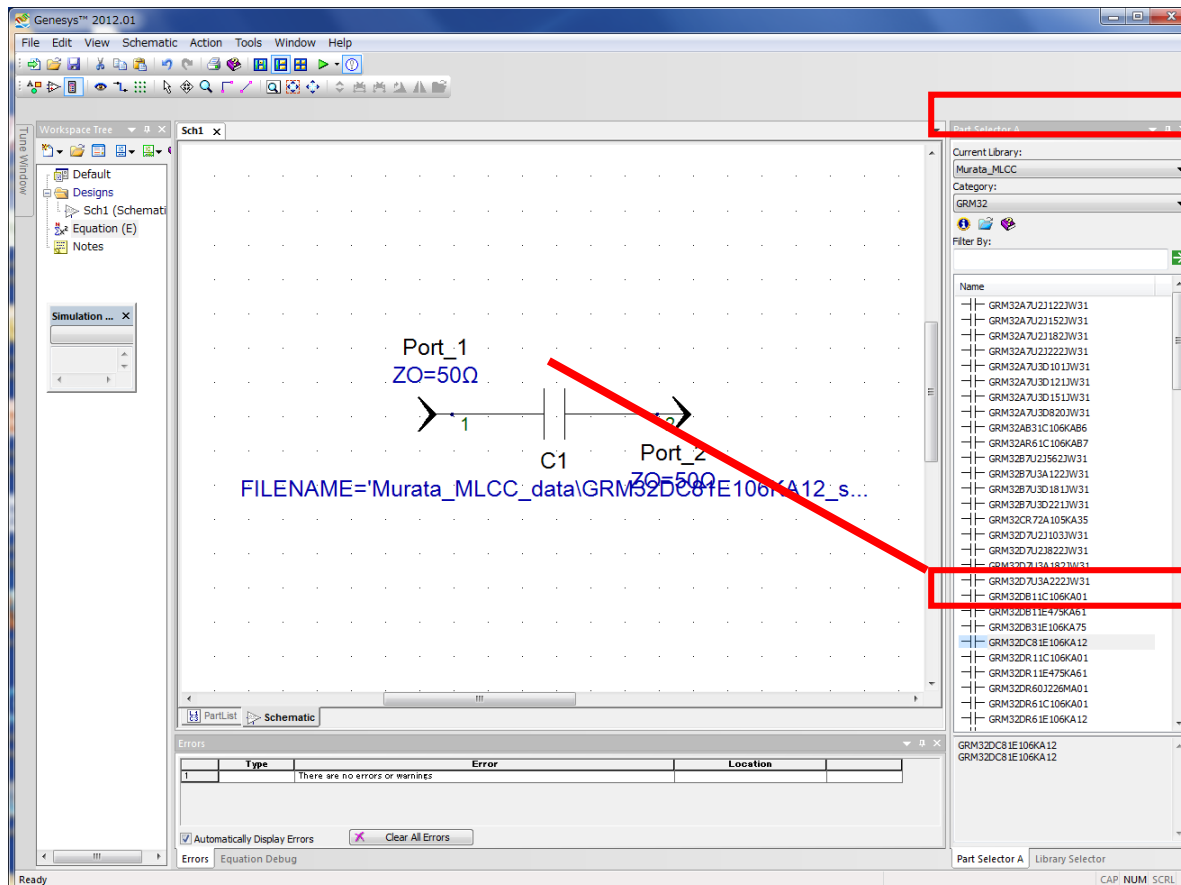
(3) Browse the folder containing the “Murata_*.xml” file.

(4) Click “Open” to add the library to the available Libraries.

(5) Now the “Murata_*” name will appear in the “Current Library” drop down list on the right side.

4. How to use

- Select "Murata_MLCC", "Murata_MLCC_Automotive" or "Murata_Inductor" category in "Current Library" drop down list on Parts/Library Selector. And select the appropriate product series in "Category" drop down list.
- Select the part number to be simulated from the list of the element browser and drag it to the schematic.



5. Contact



- For inquiries concerning this library, please go to the following inquiry form on our website.
 - <https://www.murata.com/contactform>