

Samsung Library Install Guide For LTspice

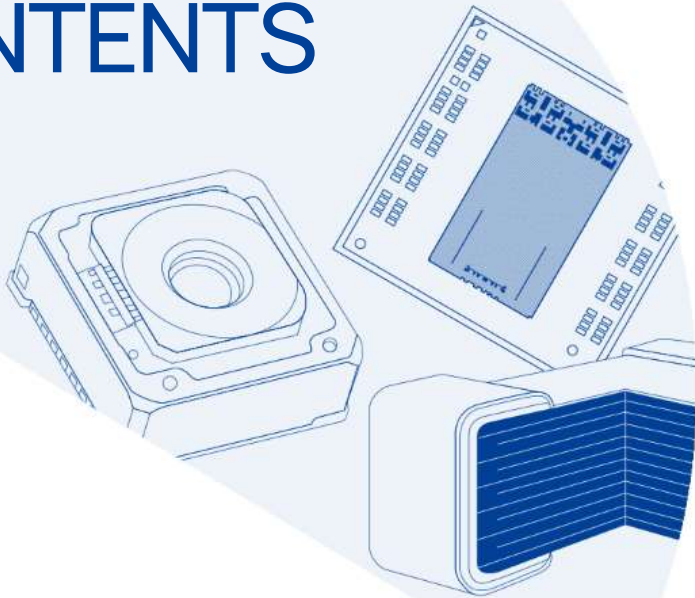
MARCH, 2024

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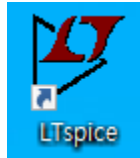
01. Operation environment

- This document is described under the following environment conditions.

1) OS : Windows 10 

Administrative rights are required to install the library.

2) LTSPICE version 17.1.15



02. How to Install Samsung Library (1)

- If you have the previous version of Samsung Library, please uninstall the library at first and download the latest library in [our homepage](#).

* Main Page > SUPPORT > Software Library

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S-parameter **Linear Technology LTspice** Cadence Pspice Cadence Synopsys Hspice Cadence AWR SIMetrix/SIMPLIS Keysight ADS Cadence Signity Power SI

Product	Data Type	Update Date	List	Download
MLCC, Power Inductor, Tantalum *Static model	Samsung Static precise model Library files (*.asy, *.mod) for LTspice	2023.11		
MLCC *Interactive model	Samsung MLCC (simple model) Library files (*.asy, *.mod) for LTspice	2023.11		
	Samsung MLCC (precise model) Library files (*.asy, *.mod) for LTspice	2023.11		

Software Library Notice

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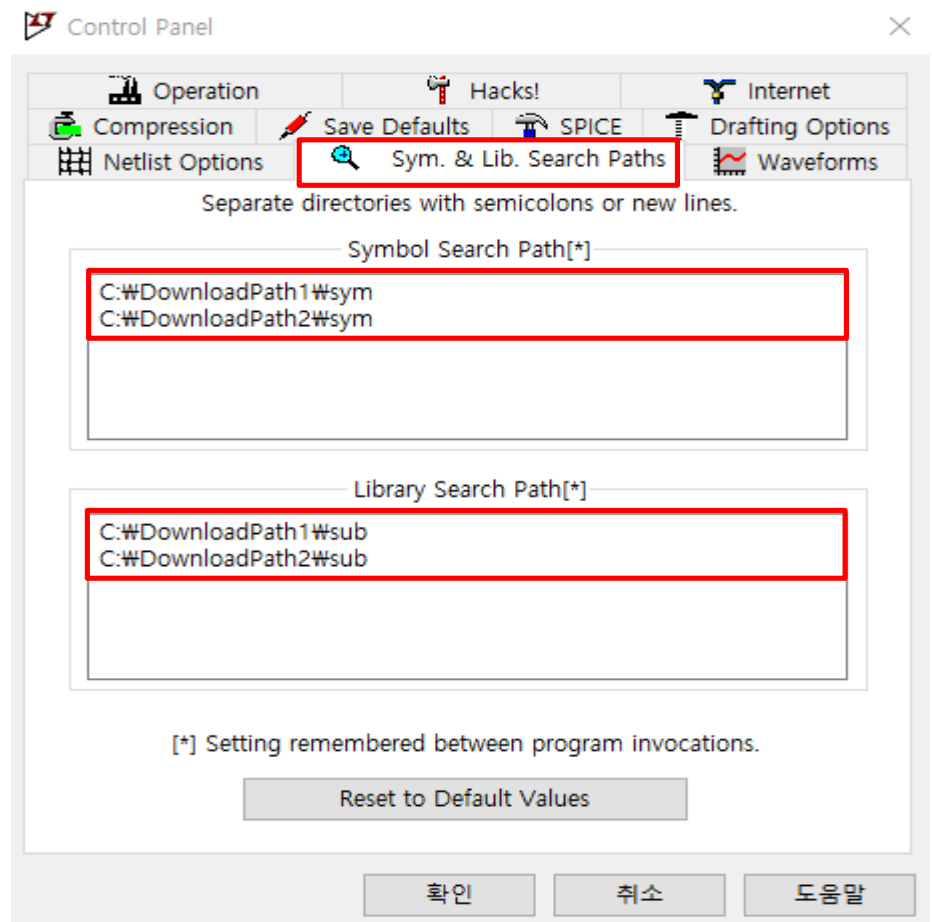
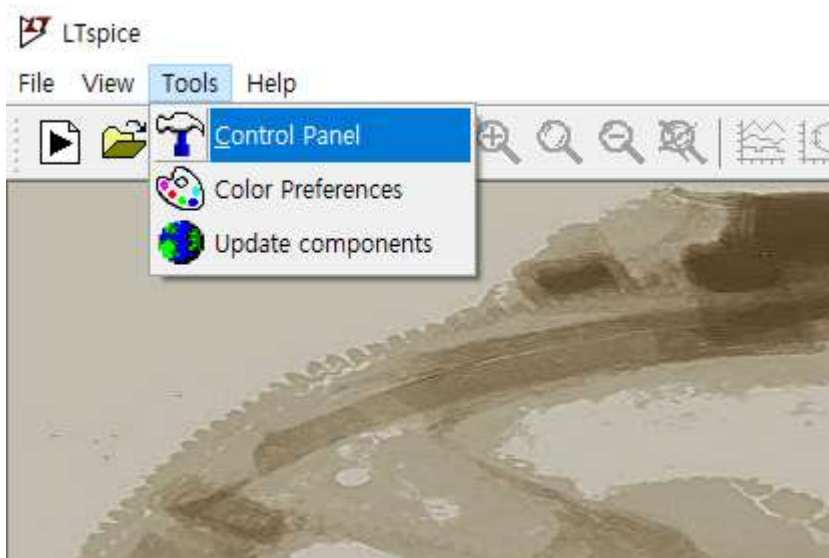
I have read the notice mentioned above and agree with them. Yes No

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02. How to Install Samsung Library (2)

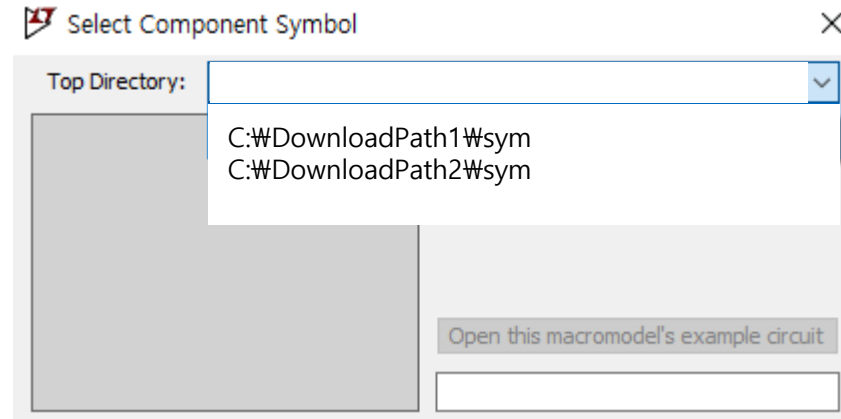
- you can add additional paths/folders/directories by going to Tools > Control Panel
- Then select the Sym. & Lib. Search Paths tab
- Since you are trying to add paths to symbols, add the paths in the top textbox:

Symbol Search Path[*] & Library Search Path[*]



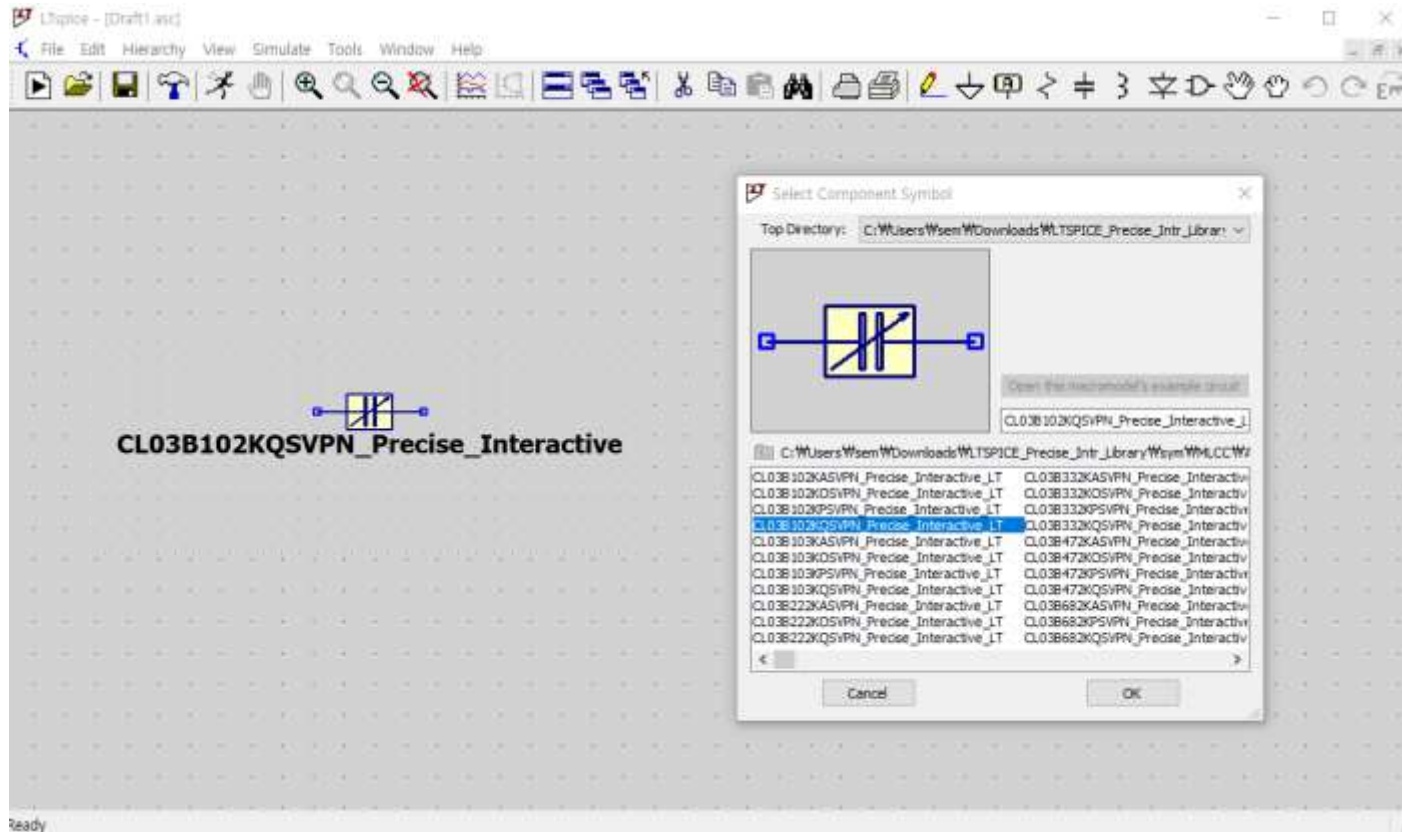
02. How to Install Samsung Library (3)

- Multiple paths can be separated on new lines, or by semicolons ;
(which will be converted to new lines after closing the window)
- If a path does not yet exist, then LTspice will ask if you want to include them anyway.
- If all goes well, you will see your new paths in the list:



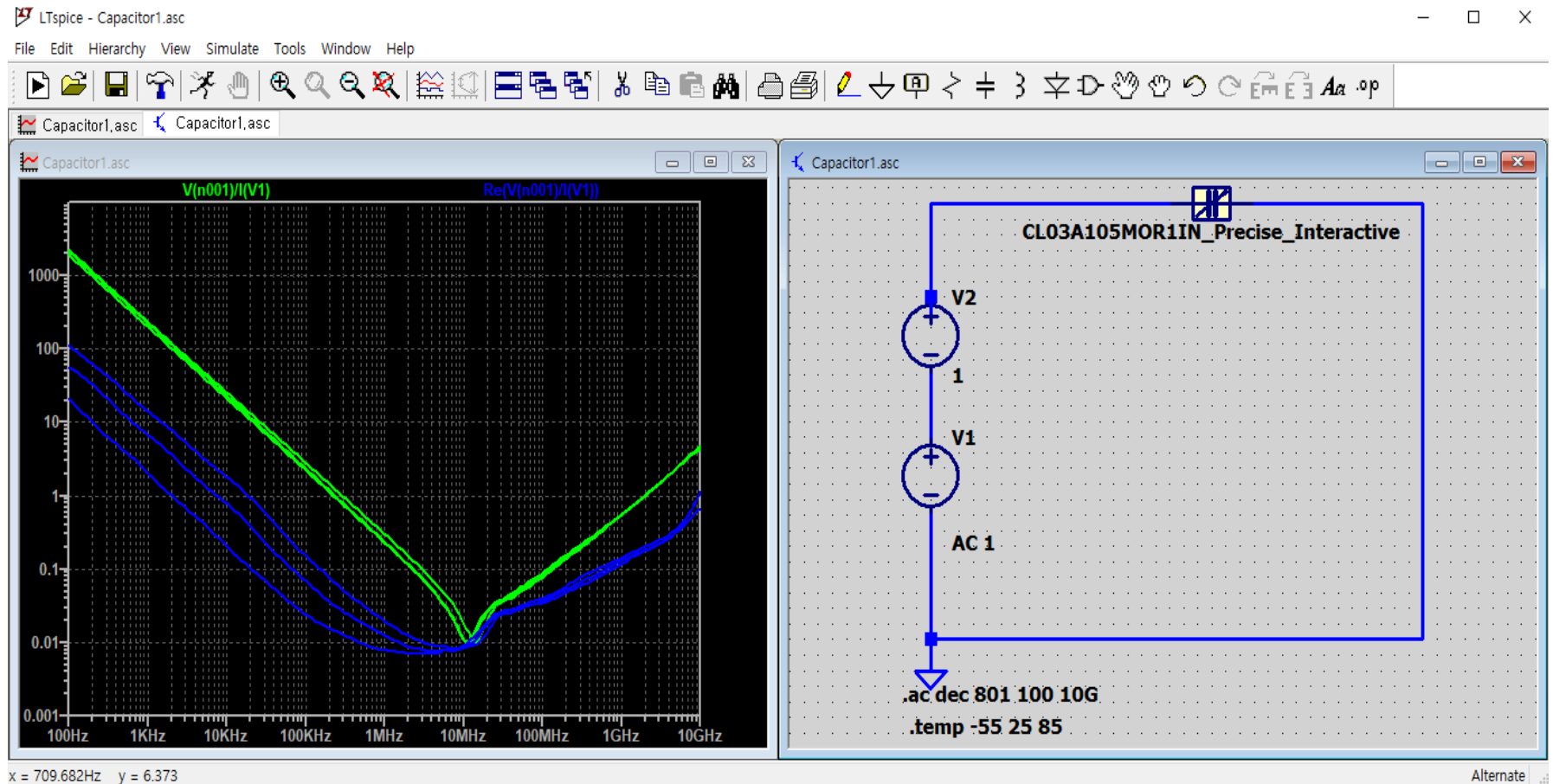
03. How to Use Samsung Library (1)

- Click the selected component. And Double click the component.
- Click the component icon to place schematic.



03. How to Use Samsung Library (2)

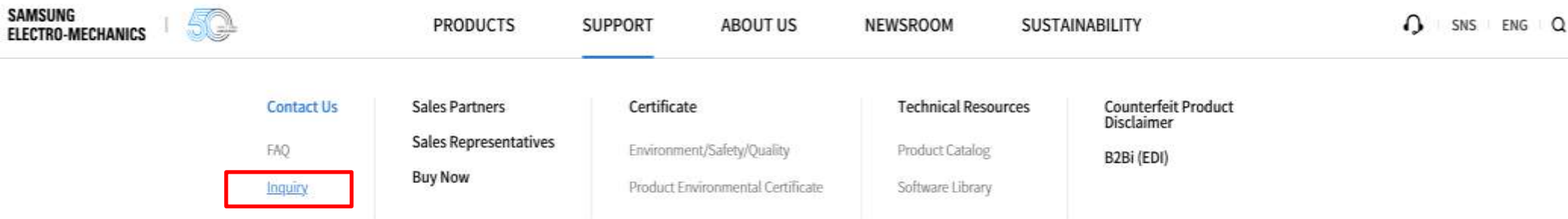
- Create a simulation & plotting waveforms



04. Contact

- If you have any questions about this library, please contact our website

<https://www.samsungsem.com/global/support/contact-us/inquiry.do>



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