

# Samsung Library Install Guide For PSpice

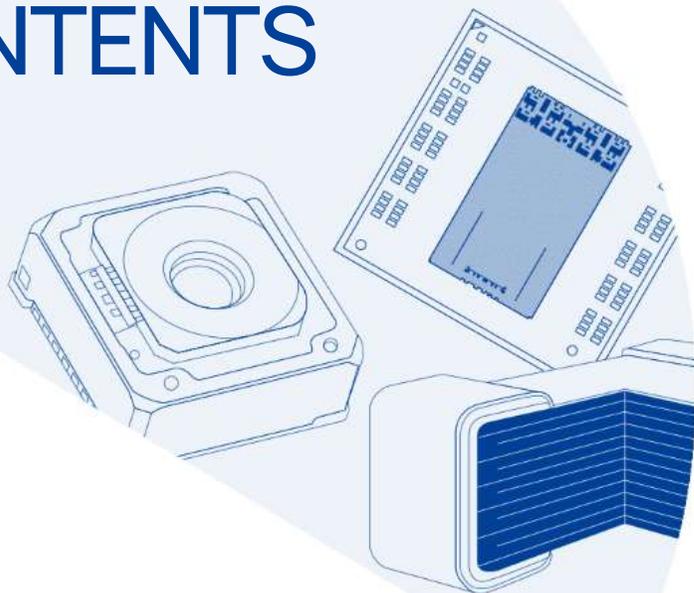
MARCH, 2024

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# 01. Operation environment

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- This document is described under the following environment conditions.

1) OS : Windows 10 

Administrative rights are required to install the library.

2) OrCAD Capture CIS version 17.4



## 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 Sigrity Power SI

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

**Software Library Notice**

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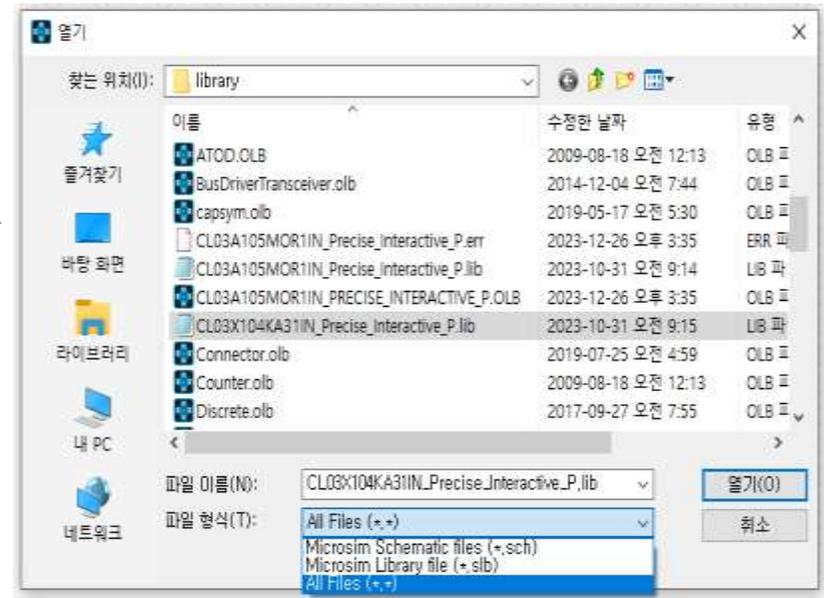
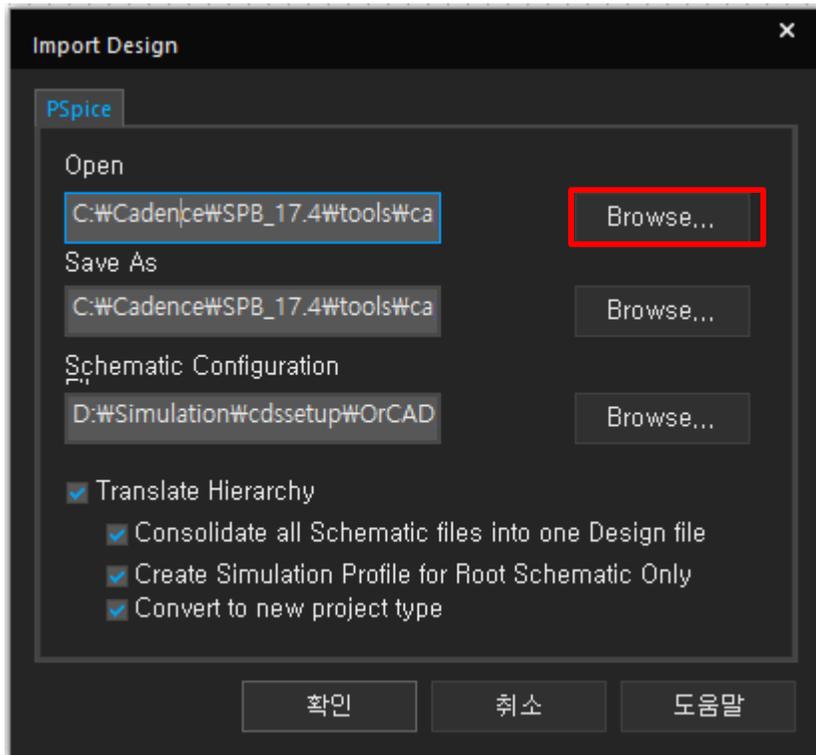
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## 02. How to Install Samsung Library (2)

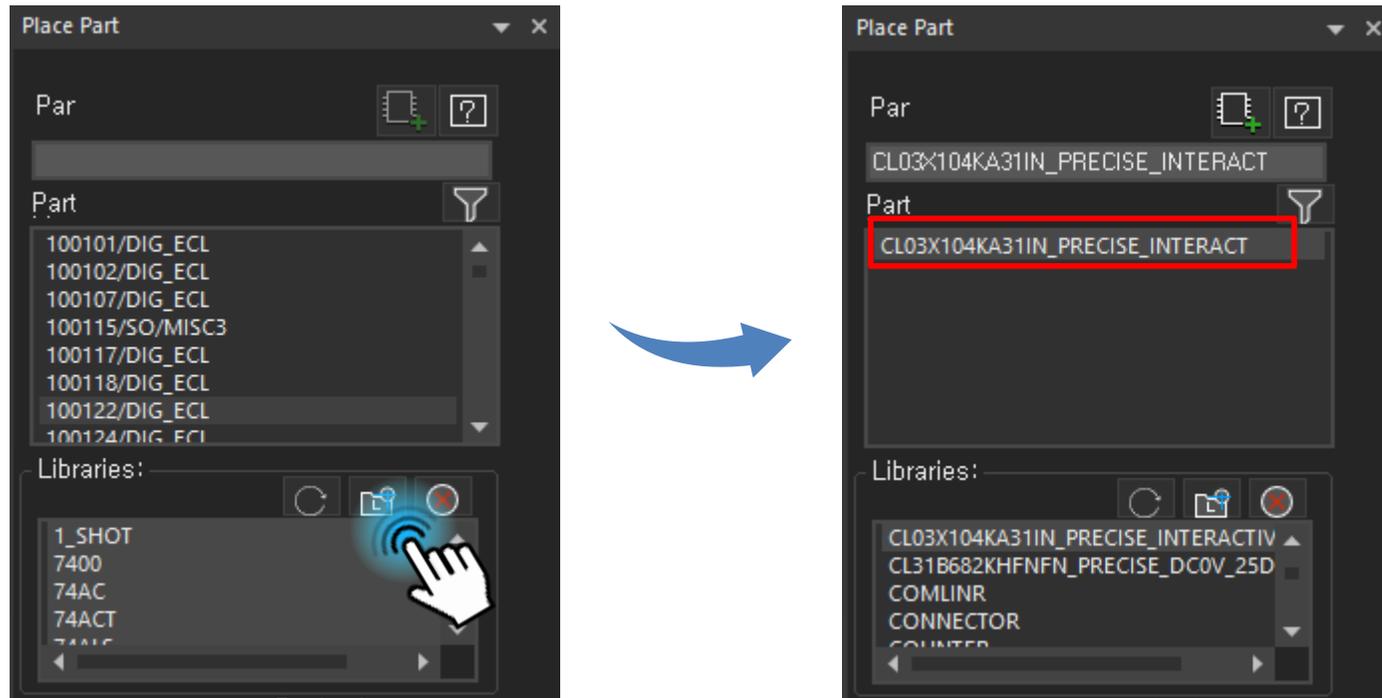
- Download the PSpiceLib.zip file
- Firstly, the model must be imported into Orcad Capture (so that a new component and a new library)
- Creation of Orcad's component library (.olb file) :

Open Orcad Capture → File → Import → PSpice → OK



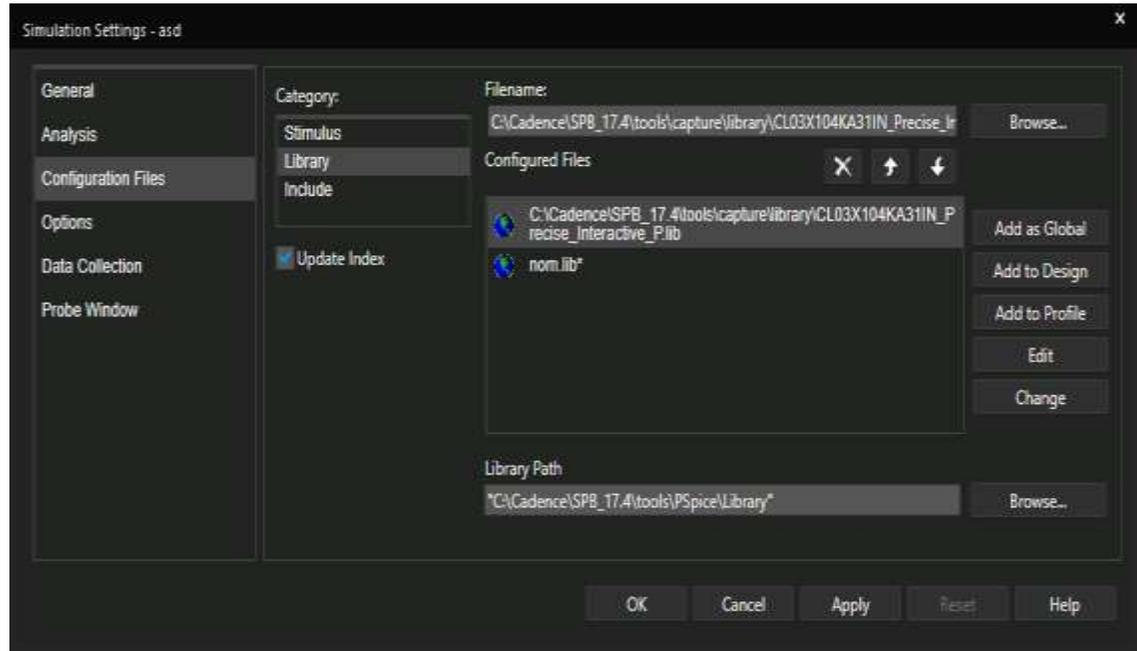
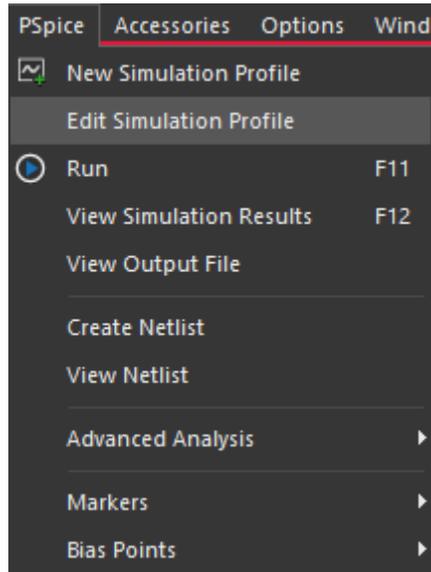
## 02. How to Install Samsung Library (3)

- Place Part(Press “P” key) → ‘Add Library’ Select generated. \*.OLB file
- Then double click the model name in Part list box and drop-down Model on your schematic sheet.



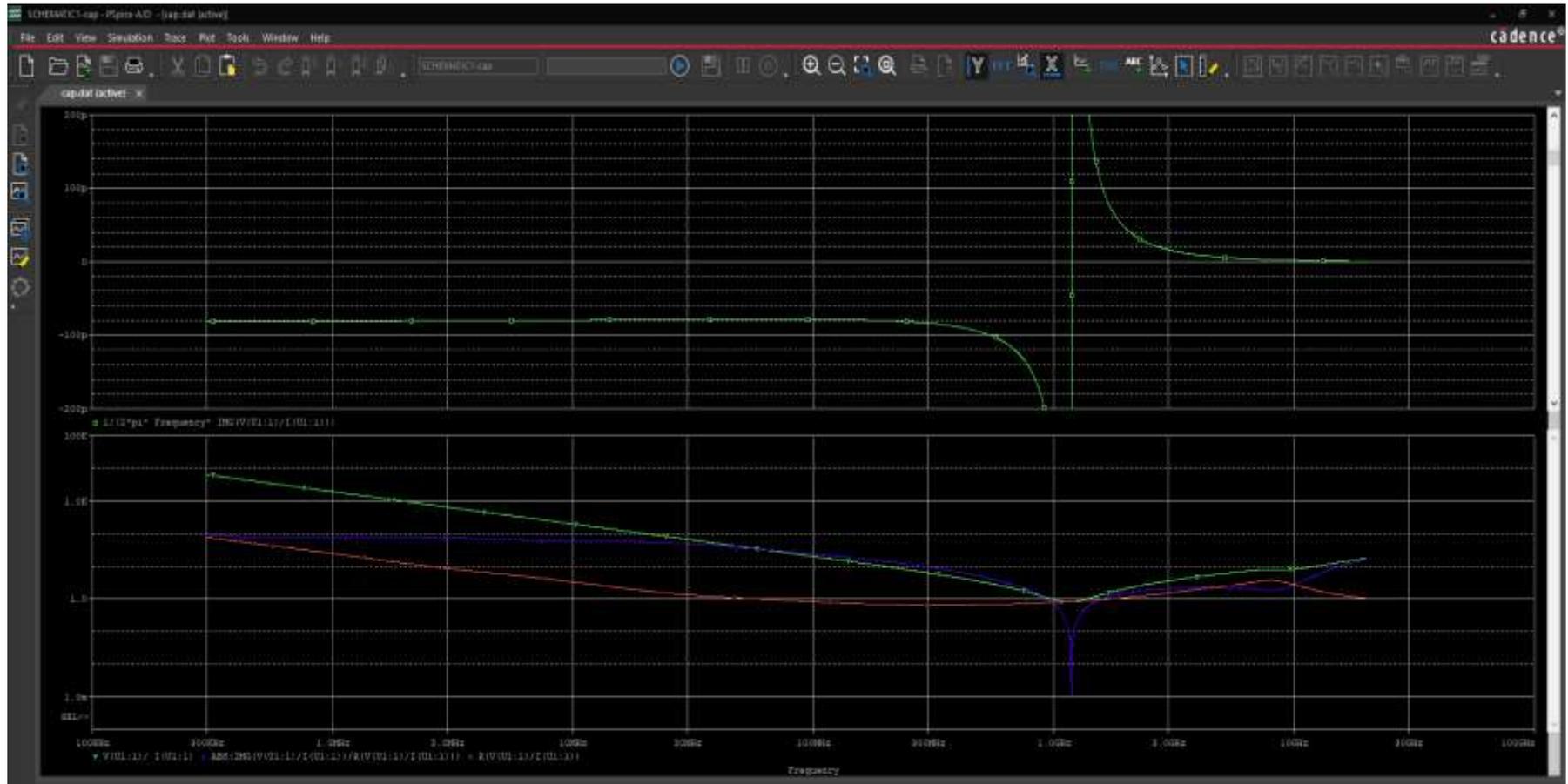
## 02. How to Install Samsung Library (4)

- Before simulation Run, OrCAD Capture menu [P Spice] → Edit Simulation Profile.
- 'Configuration Files' Tab → Select 'Library' in Category → Click 'Browse...' Button → Select the downloaded file(\*.lib) and Press 'Add as Global' or 'Add to Design' Button. then click 'OK' button.



# 03. How to Use Samsung Library (1)

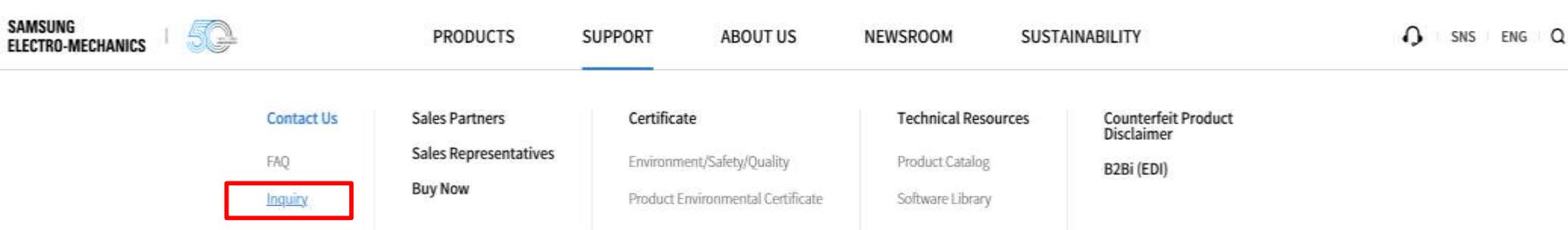
- Create a simulation & plotting waveforms



# 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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