

Samsung Library Install Guide For ADS

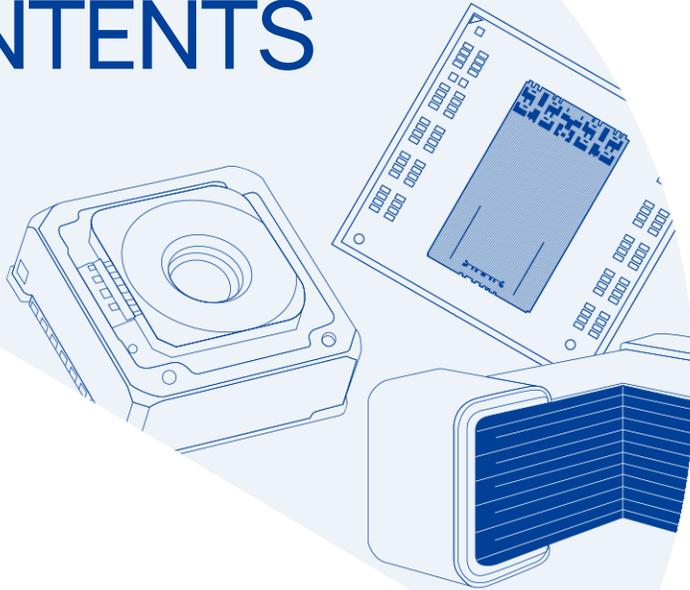
NOVEMBER, 2024

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SAMSUNG
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01. Operation environment

- This document is described under the following environment conditions.
- 1) Supported Platforms : [ADS Supported Platforms - ADS Supported Platforms - Keysight Knowledge Center](#)
 - 2) System Requirements : [Home - Home – Keysight Knowledge Center](#)

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](#).

* HOME PAGE > PRODUCTS > Component Library > Keysight ADS

* HOME PAGE > SUPPORT > Technical Resources > Software Library > Keysight ADS

SAMSUNG ELECTRO-MECHANICS PRODUCTS SUPPORT ABOUT US NEWSROOM SUSTAINABILITY SNS ENG

Passive Component

- MLCC
- Inductor
- Chip Resistor
- Tantalum

1

Module

- Camera Module

Package Substrate

- Package Substrate

Application

- Automotive Network
- Computer Server
- Display Solid State Drive
- Mobile Phone Tablet
- Wearable

Product Search

Component Library **2**

S-parameter	Linear Technology LTspice	Cadence Pspice	Synopsys Hspice	Cadence AWR	SIMatrix/SIMPLIS	Keysight ADS	Cadence Sigrity Power SI
Product	Data Type		Update Date	List	Download		
MLCC(Voltage, Temp(°C)), *Interactive model Tantalum Power Inductor *Static model	Samsung Components library for ADS 2011.05 or Later		2024.10		3		
Manual	Installation Guide of Samsung components library for Keysight ADS		2022.09	-			

Software Library Notice

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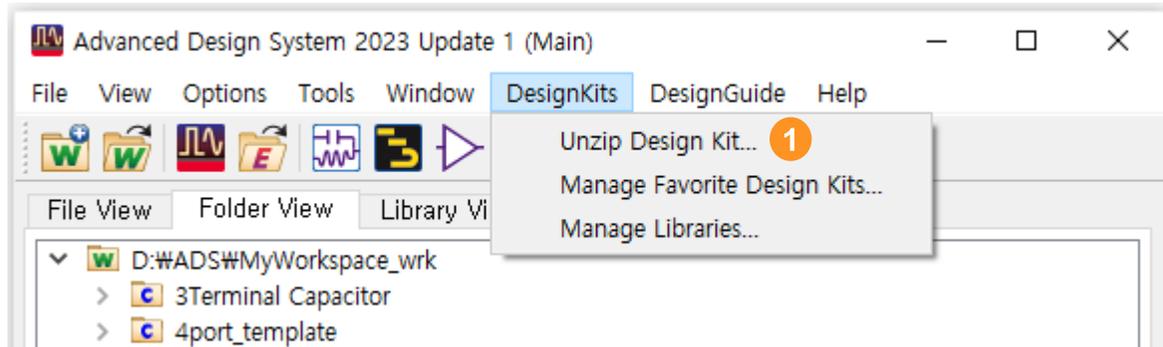
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I have read the notice mentioned above and agree with them. Yes No **4**

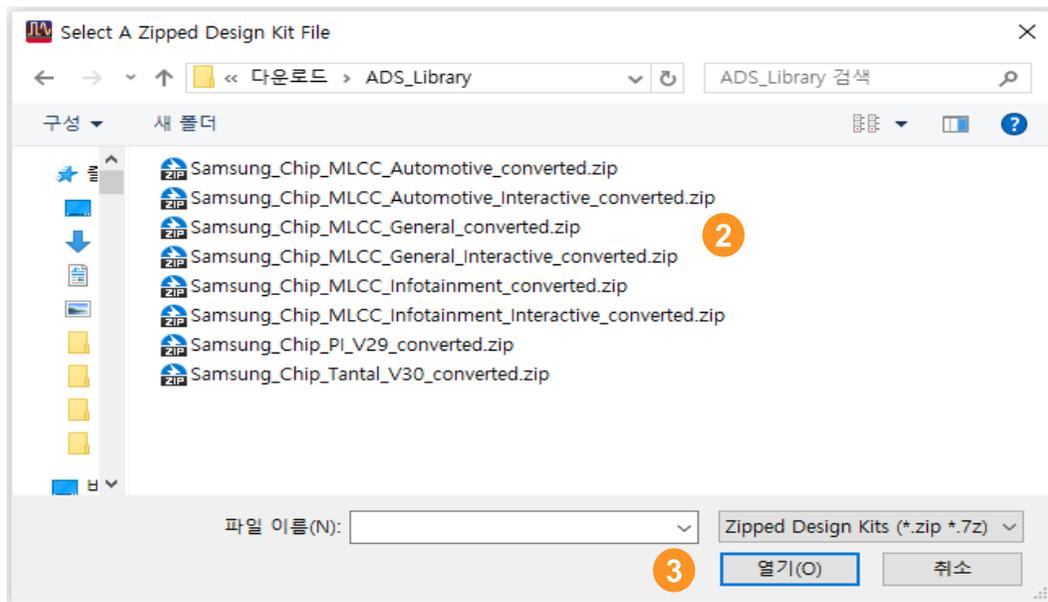
Submit **5**

02. How to Install Samsung Library (2)

- Select 'DesignKits' > 'Unzip Design Kit...' in main window

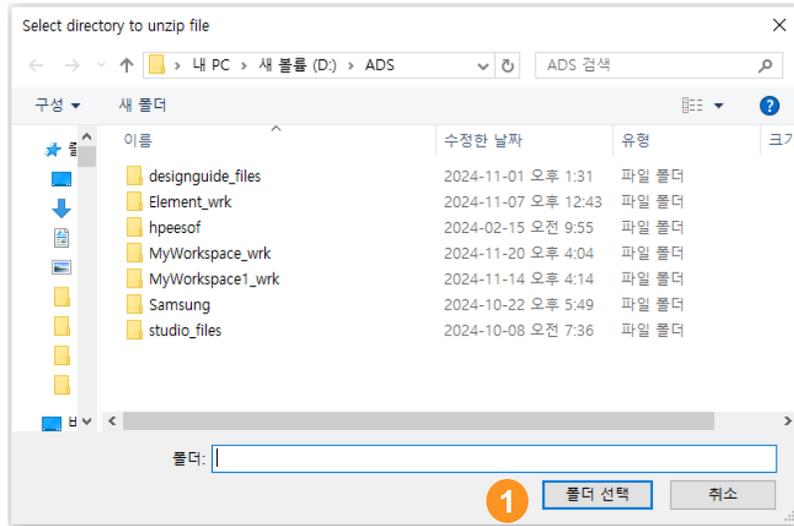


- Select the downloaded file (*.zip) and click 'Open' button in pop-up window

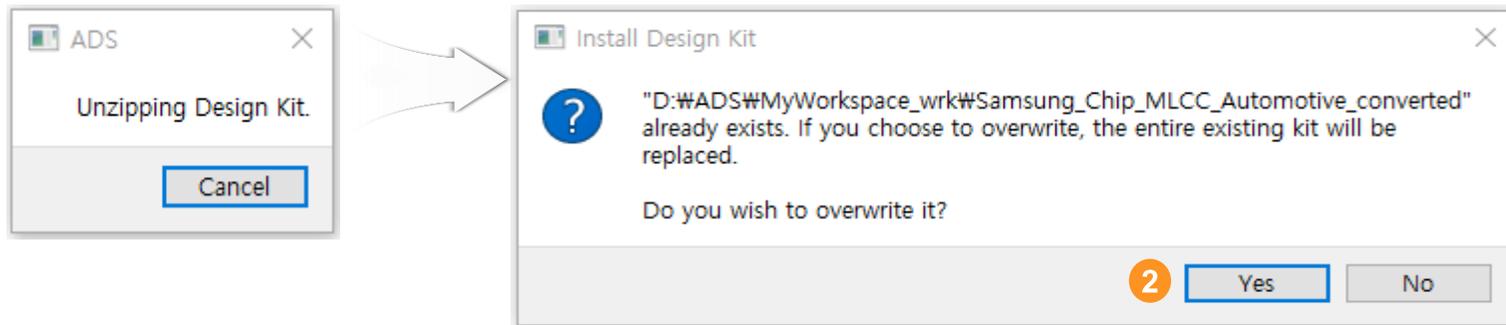


02. How to Install Samsung Library (3)

- Select the directory to unzip file (ADS workspace folder you created) and click 'Choose' button in pop-up window

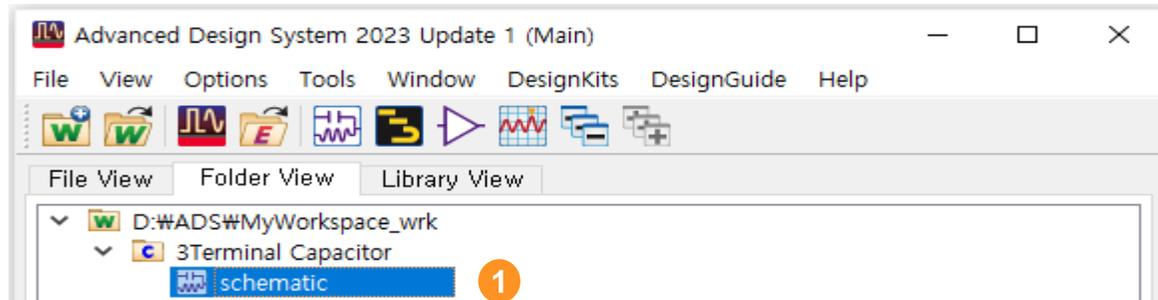


- After unzipping for a moment, 'Add Design Kit' window appears. Click 'Yes' button

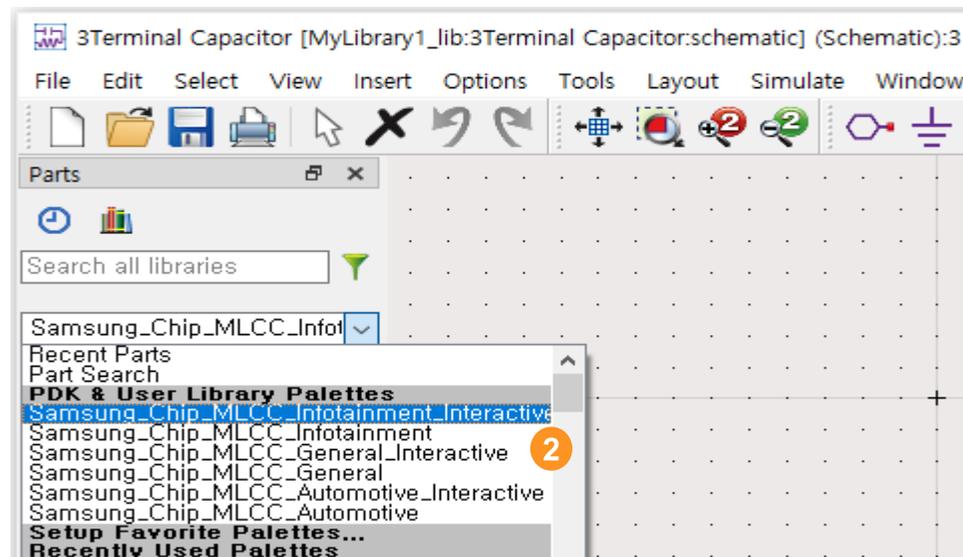


03. How to Use Samsung Library (1)

- Open your ADS workspace that Samsung Library was installed.
then, create or open the schematic window.

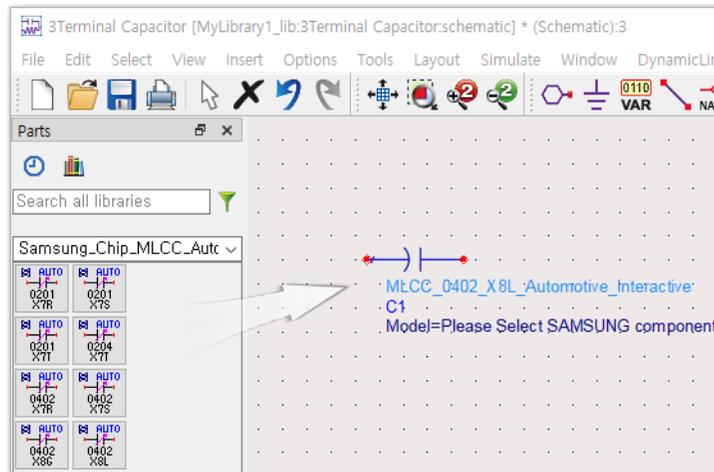


- Select Samsung Components at pallet list in the schematics window.

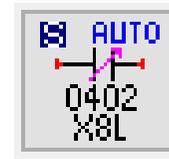


03. How to Use Samsung Library (2)

- Click the component icon and put down on the schematic sheet.

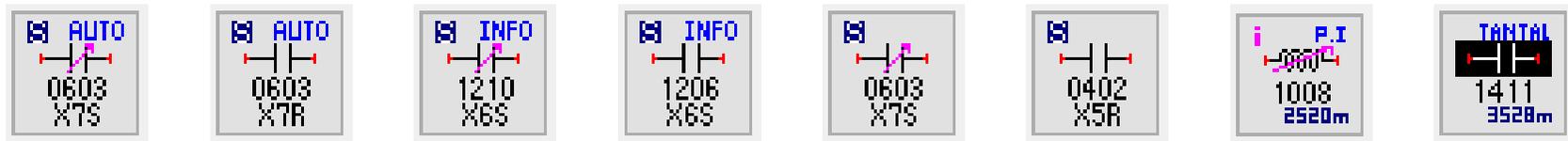


(Precise Interactive library)



(Component Icon)

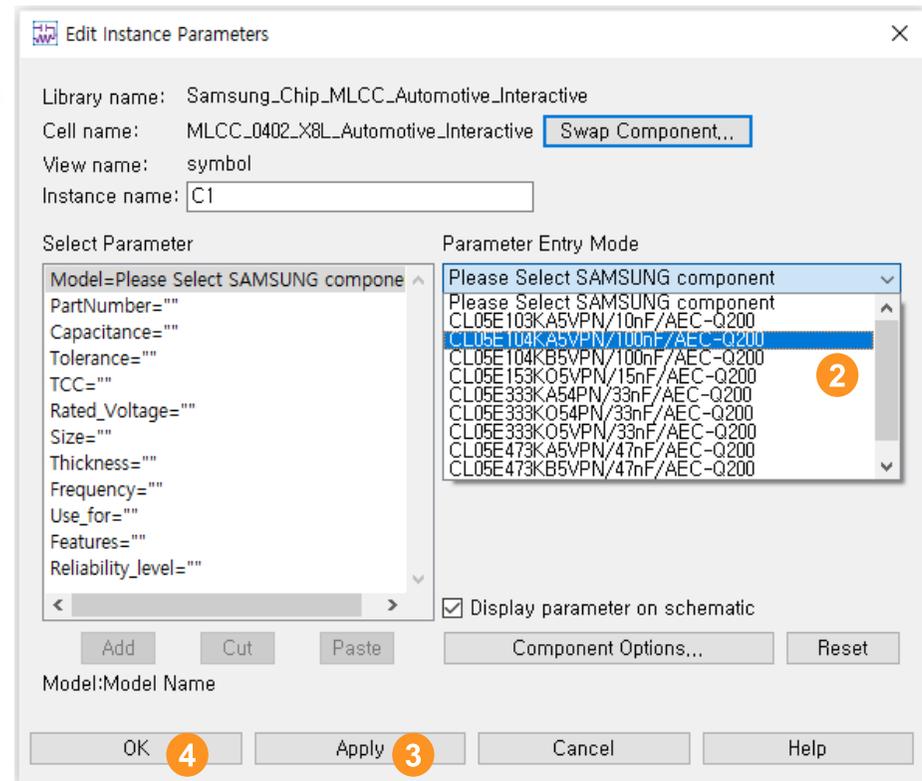
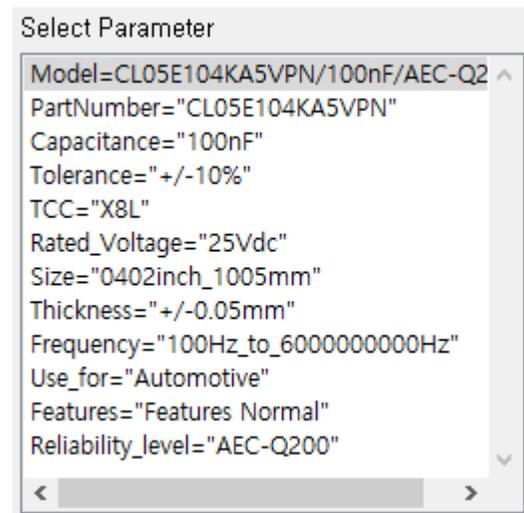
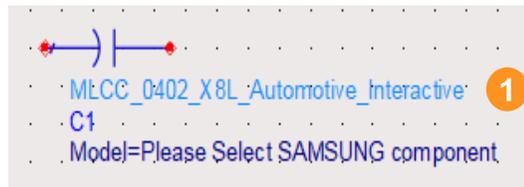
- Other Components



→ MLCC_Automotive_Interactive, MLCC_Automotive, MLCC_Infotainment_Interactive, MLCC_Infotainment, MLCC_General_Interactive, MLCC_General, P.I, Tantal

03. How to Use Samsung Library (3)

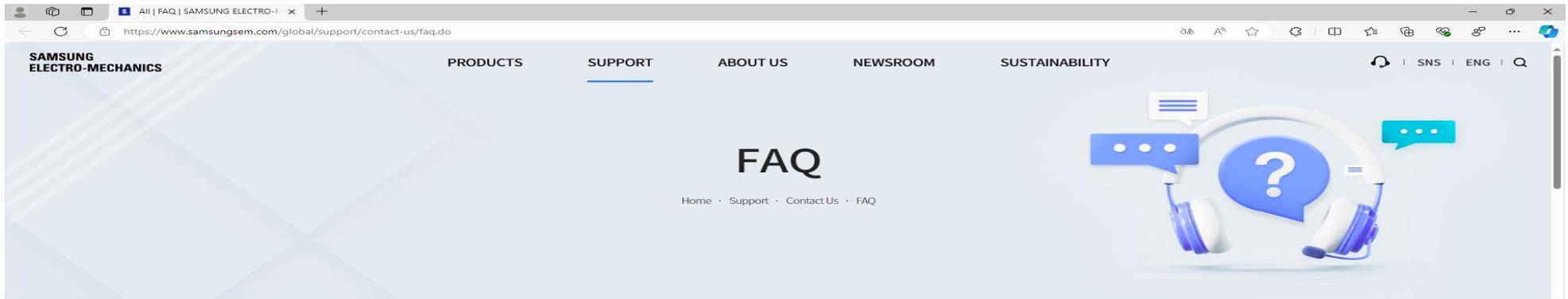
- Double-click the symbol to display the window. Click 'Please Select...' in the 'Parameter Entry Mode' You can select products from the dropdown list, click 'Apply' and 'OK' button.



04. Contact

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

[All | FAQ | SAMSUNG ELECTRO-MECHANICS \(samsungsem.com\)](https://www.samsungsem.com/global/support/contact-us/faq.do)



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