

Samsung Library Install Guide For Keysight ADS

Sep. 2022
Component Solution Biz. Unit



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01. Operation environment

- This document is described under the following environment conditions.

1) OS : Windows 7



Administrative rights are required to install the library.

2) Keysight ADS : ADS 2011.05 ~ 2020.11

ADS 2009 or previous versions are not supported



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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Component Library for Keysight ADS

Product	Data Type	Update Date	List	Download
MLCC(Precise), Inductor, Bead, Power Inductor, Tantalum *static model	Samsung components library for ADS 2011.05 or Later	2018.06		
MLCC(Precise) *Interactive model	Samsung components library for ADS 2011.05 or Later	2018.06		
MLCC(simple) *Interactive model	Samsung components library for ADS 2011.05 or Later	2018.06		3
Manual	Installation Guide of Samsung components library for Keysight ADS	2018.08	-	

Software Library Notice

Notice

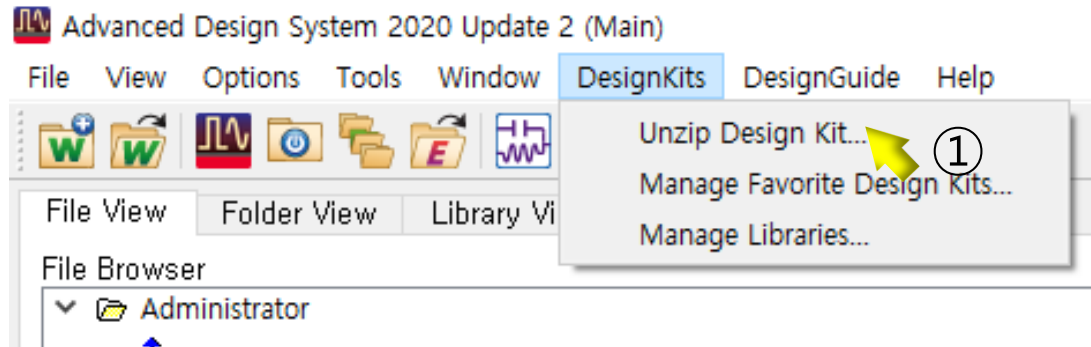
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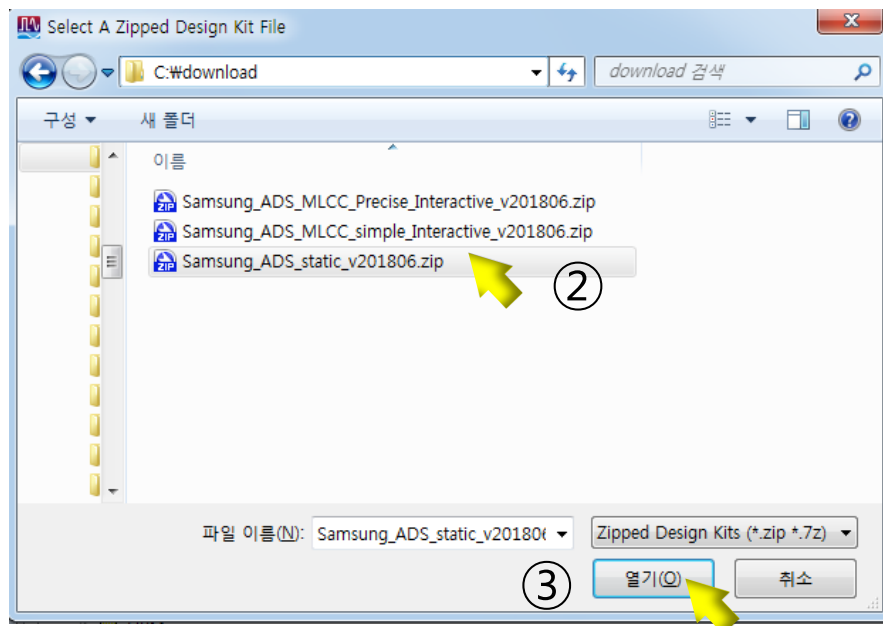
Submit > **5**

02. How to Install Samsung Library (2)

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

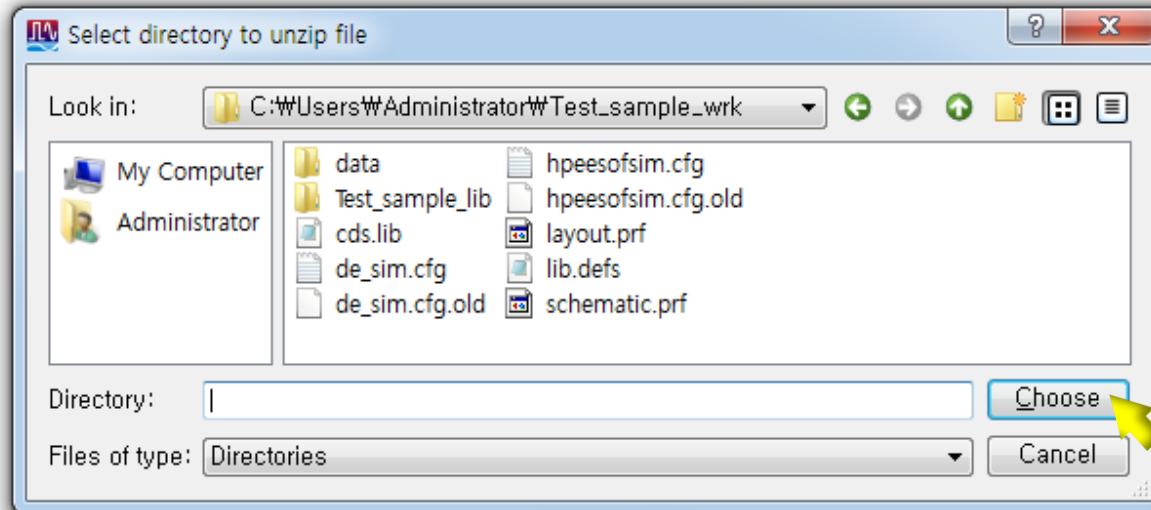


- Select the downloaded file (*.zip) and click 'Open' button in pop-up window

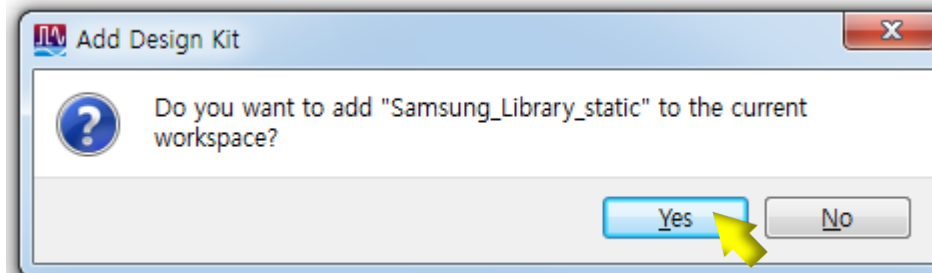
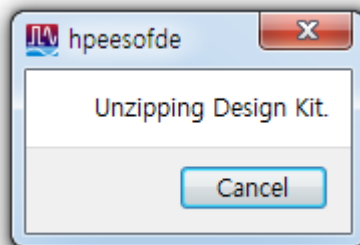


02. How to Install Samsung Library (3)

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



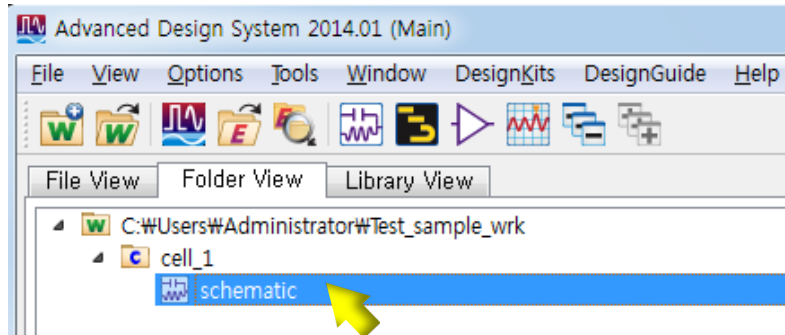
- After unzipping for a moment, 'Add Design Kit' window appears. Click 'Yes' button



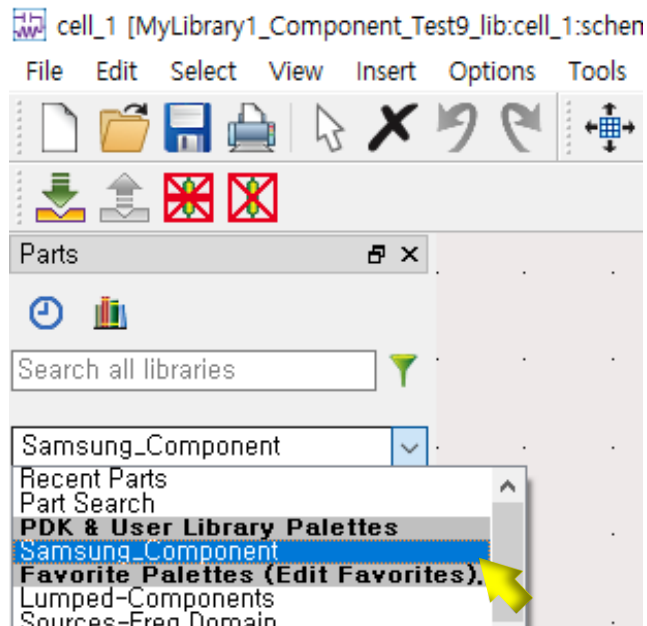
03. How to Use Samsung Library (1)

- Open your ADS workspace that Samsung Library was installed.

then, create or open the schematic window.

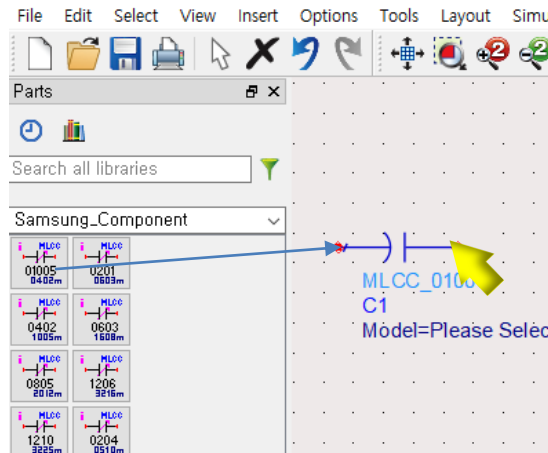


- Select Samsung Components at pallet list in the schematics window.

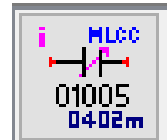


03. How to Use Samsung Library (2)

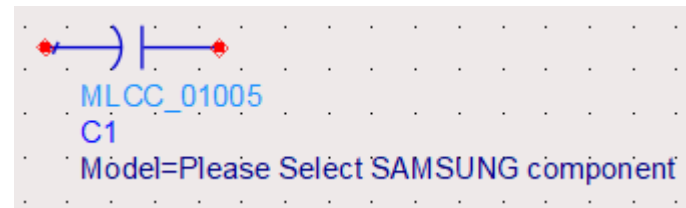
- Click the component icon and put down on the schematic sheet.



(Precise Interactive library)



(component icon)



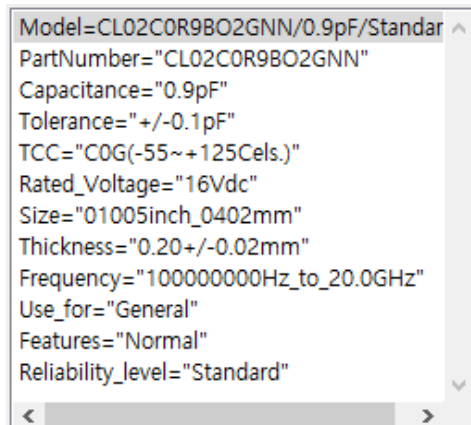
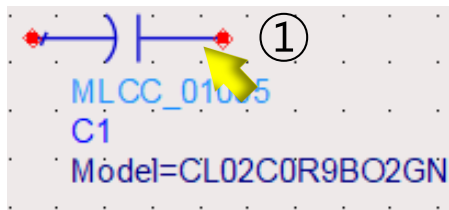
- Other Components



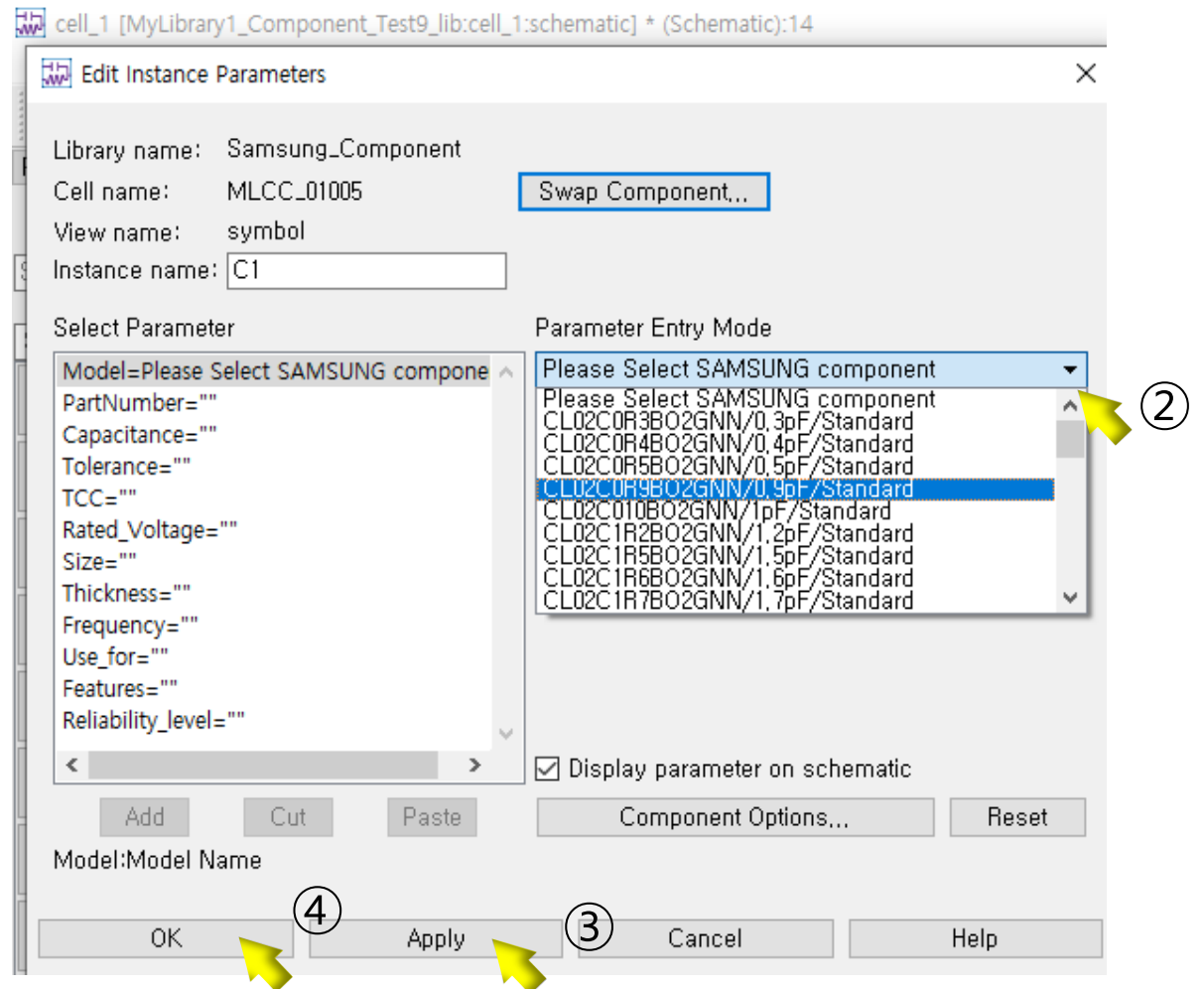
(MLCC_Automotive, TANTAL, PI, HFI, BEAD)

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.



(Result)



04. Contact

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

<https://www.samsungsem.com/global/index.do>



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