ON Semiconductor®

Importing Spice Models into OrCAD

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Home > Support > Design Support > Design Resources > **Simulation Models**

Simulation Models

A complete listing of models for ON Semiconductor products. ON Semiconductor provides many model types including SPICE, PSPICE, ISPICE and ORCAD.

Search for models by using the flyout menus or by entering a part number or keyword. Use table column headers to sort the columns.

Simulation Models (8287) - or - Enter Part#/Keyword Search

All Simulation Models

1 - 4 of 4 [1]

Left click.

Document Title	Document ID/Size
PSpice Model	NSS30101LT1G.LIB (0.0kB)
Saber Model	NSS30101LT1G.SIN (1.0kB)
Spice2 Model	NSS30101LT1G.SP2 (0.0kB)
Spice3 Model	NSS30101LT1G.SP3 (0.0kB)

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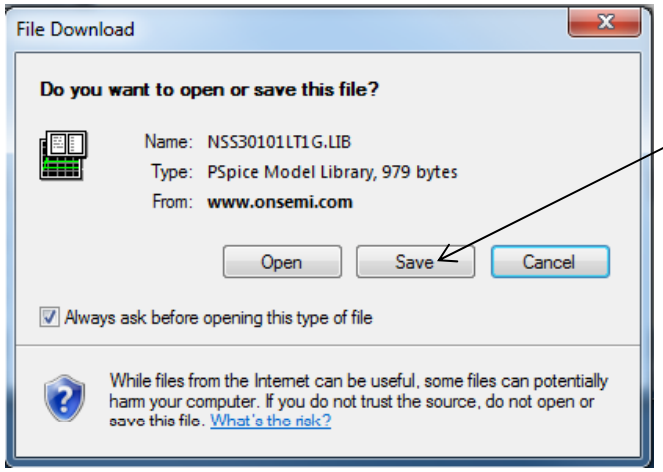
Spice3 Model	NSS30101LT1G.SP3 (0.0kB)



Left click “Save.”

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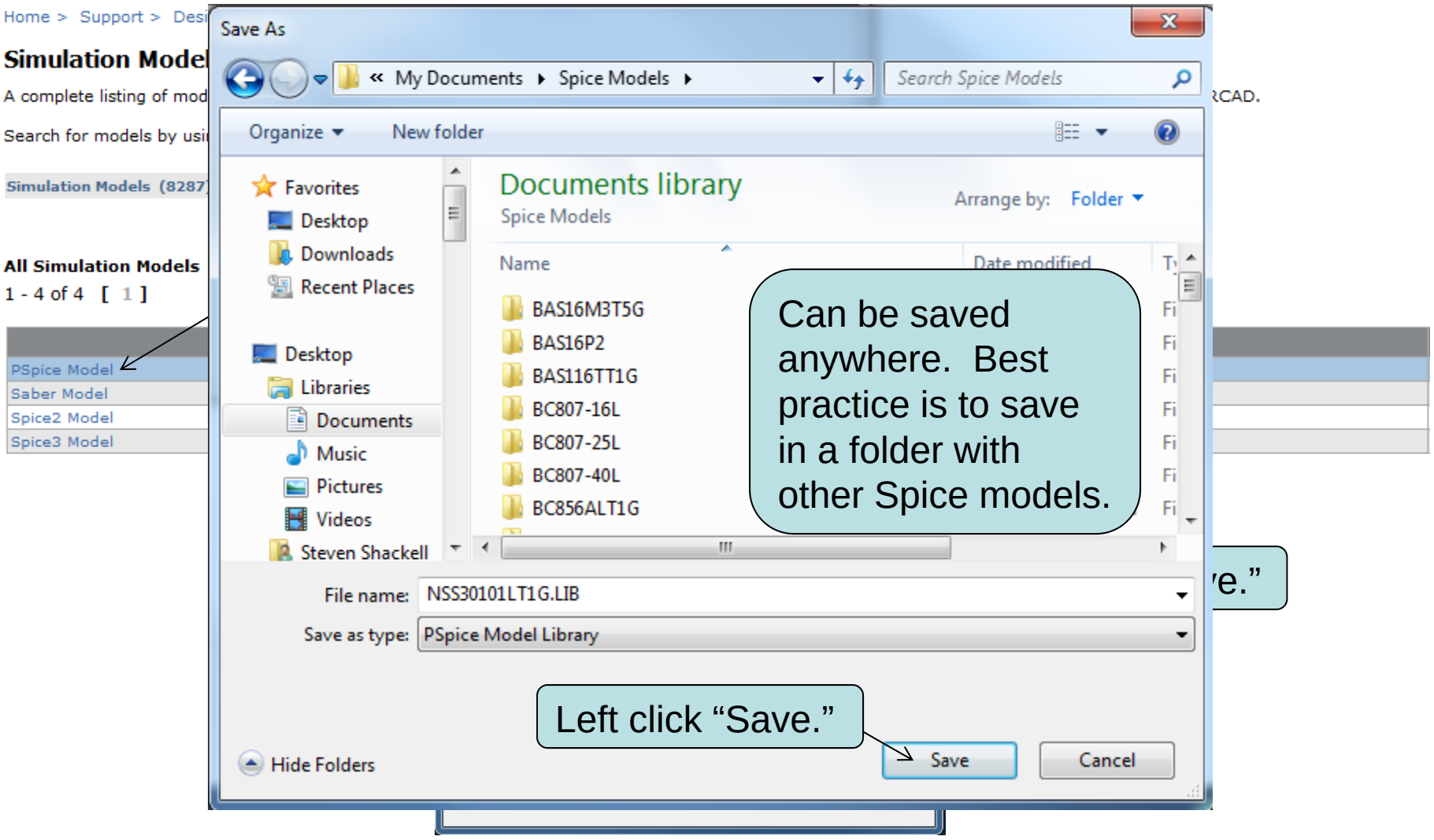
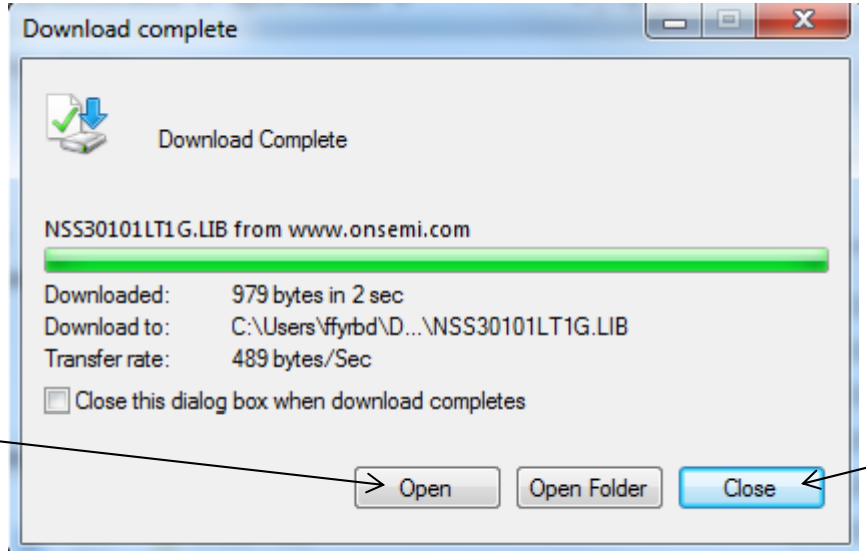


Open .LIB File

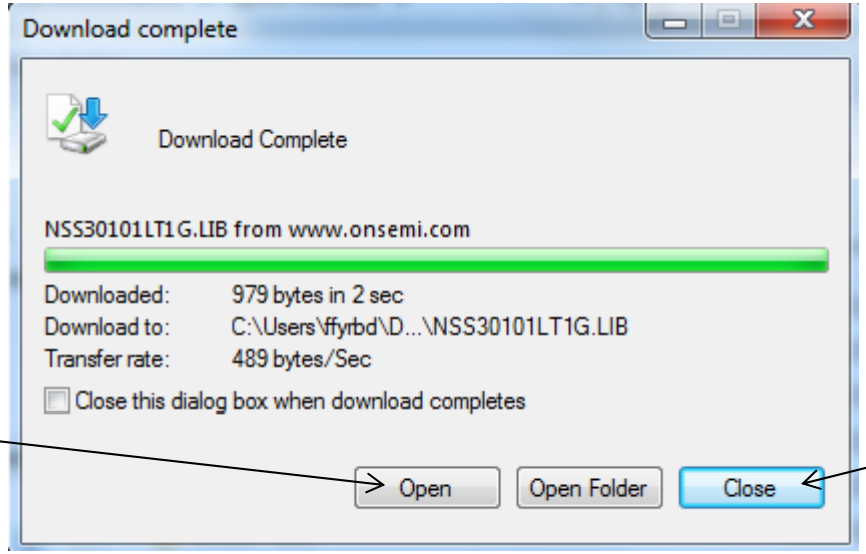
Left click “Open.” This will open the Model Editor if it is the default program for .LIB files.



If unsure what the default program is for .LIB files left click “Close,” and follow next steps on this slide.

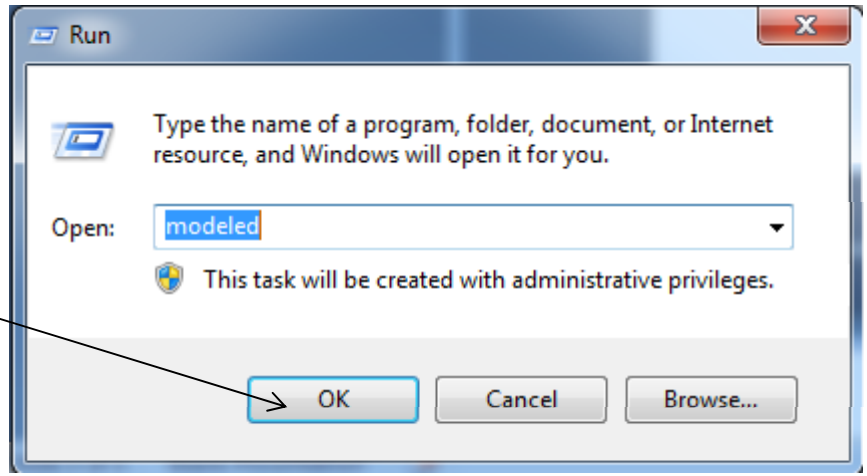
Open .LIB File

Left click “Open.” This will open the Model Editor if it is the default program for .LIB files.

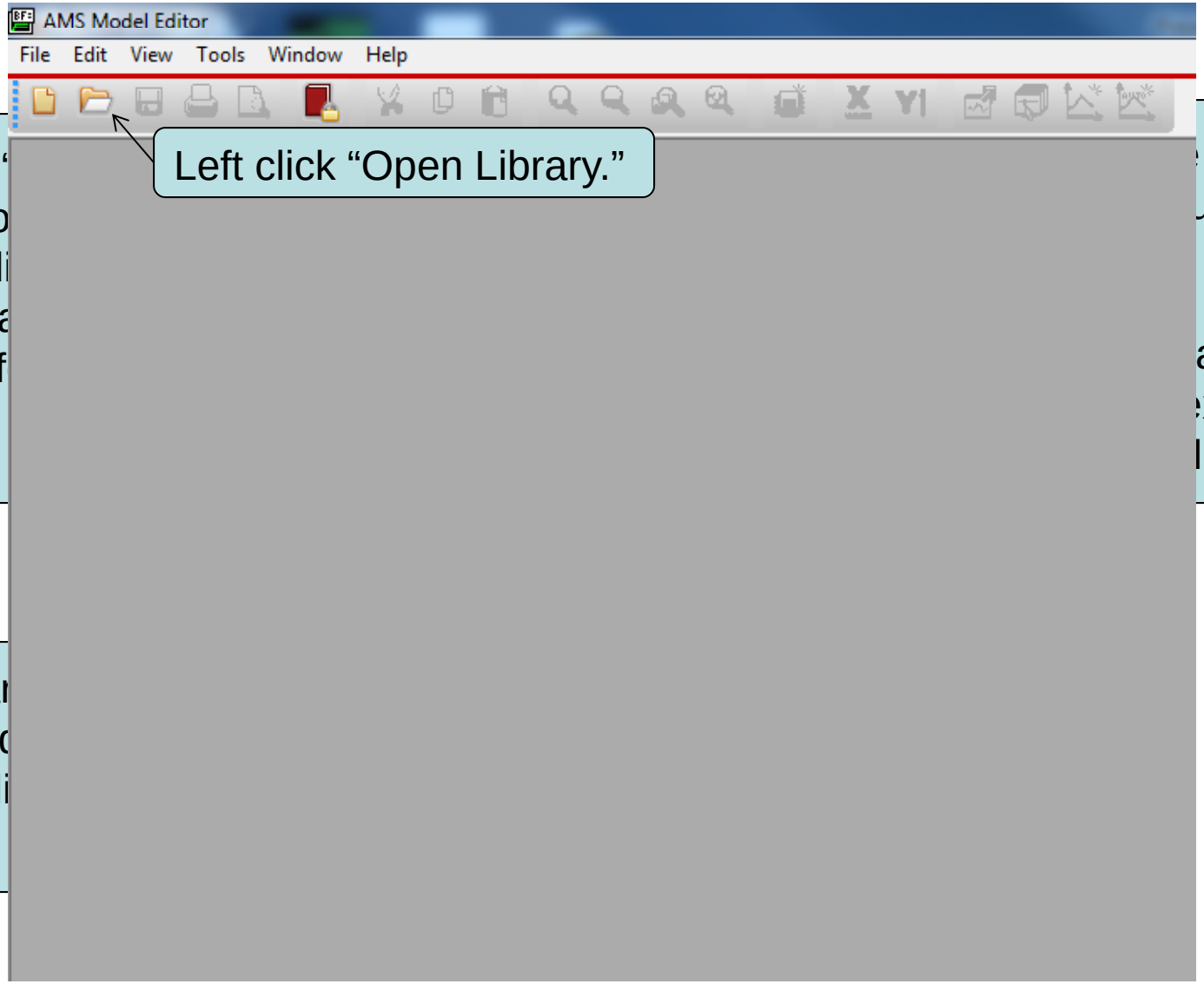


If unsure what the default program is for .LIB files left click “Close,” and follow next steps on this slide.

Go to Start → Run. Type “modeled” and left click “OK”



Open .LIB File



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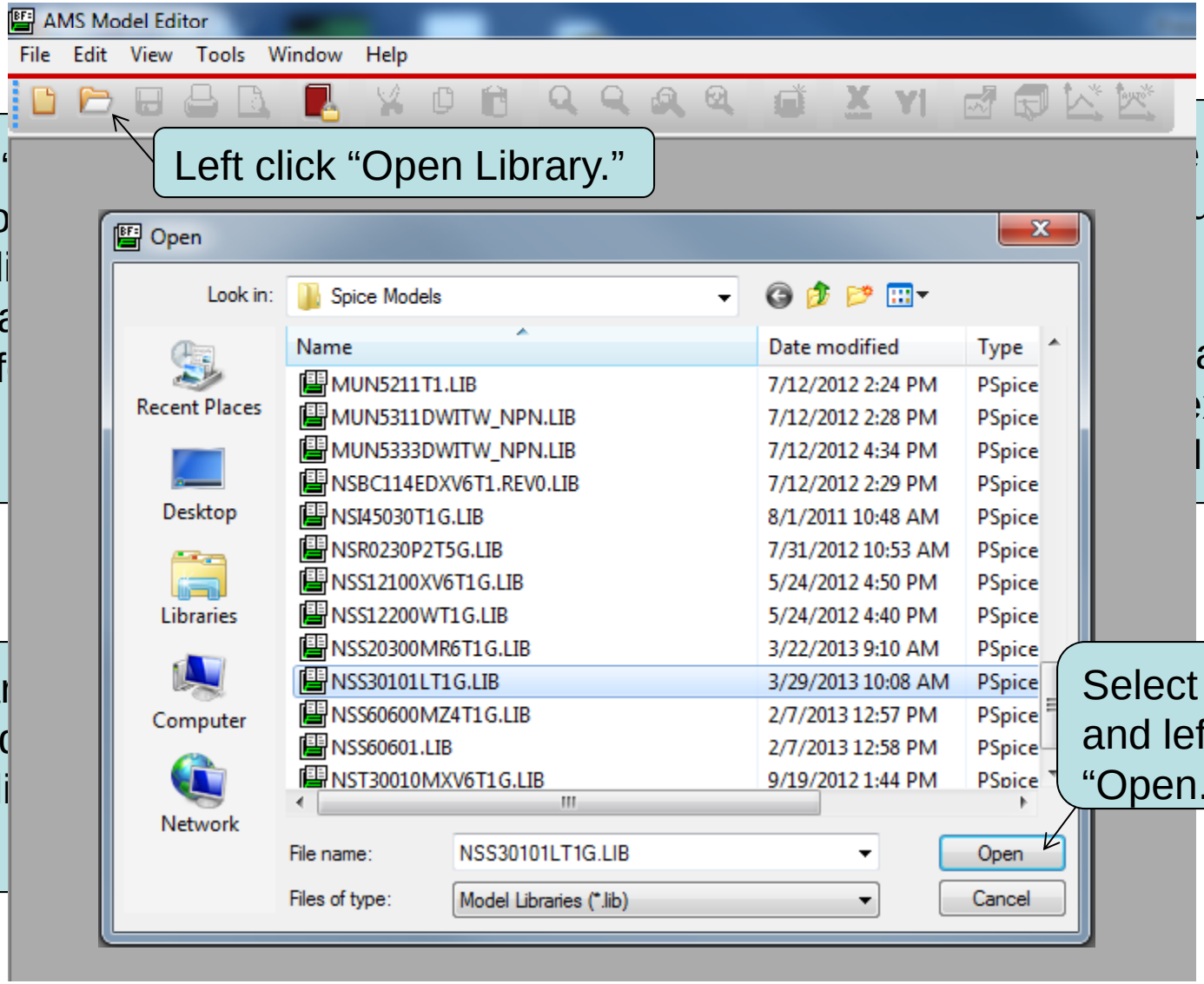

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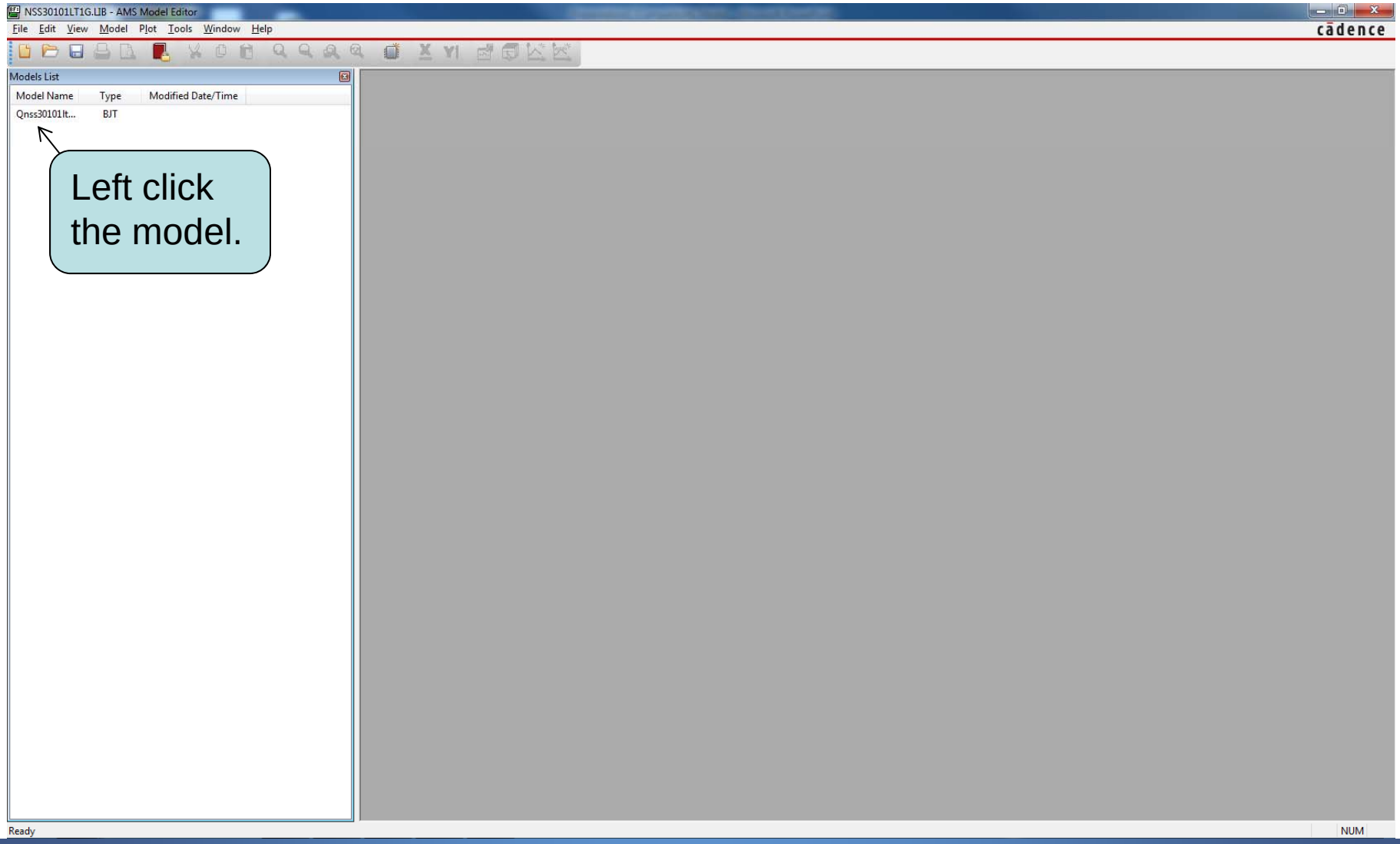
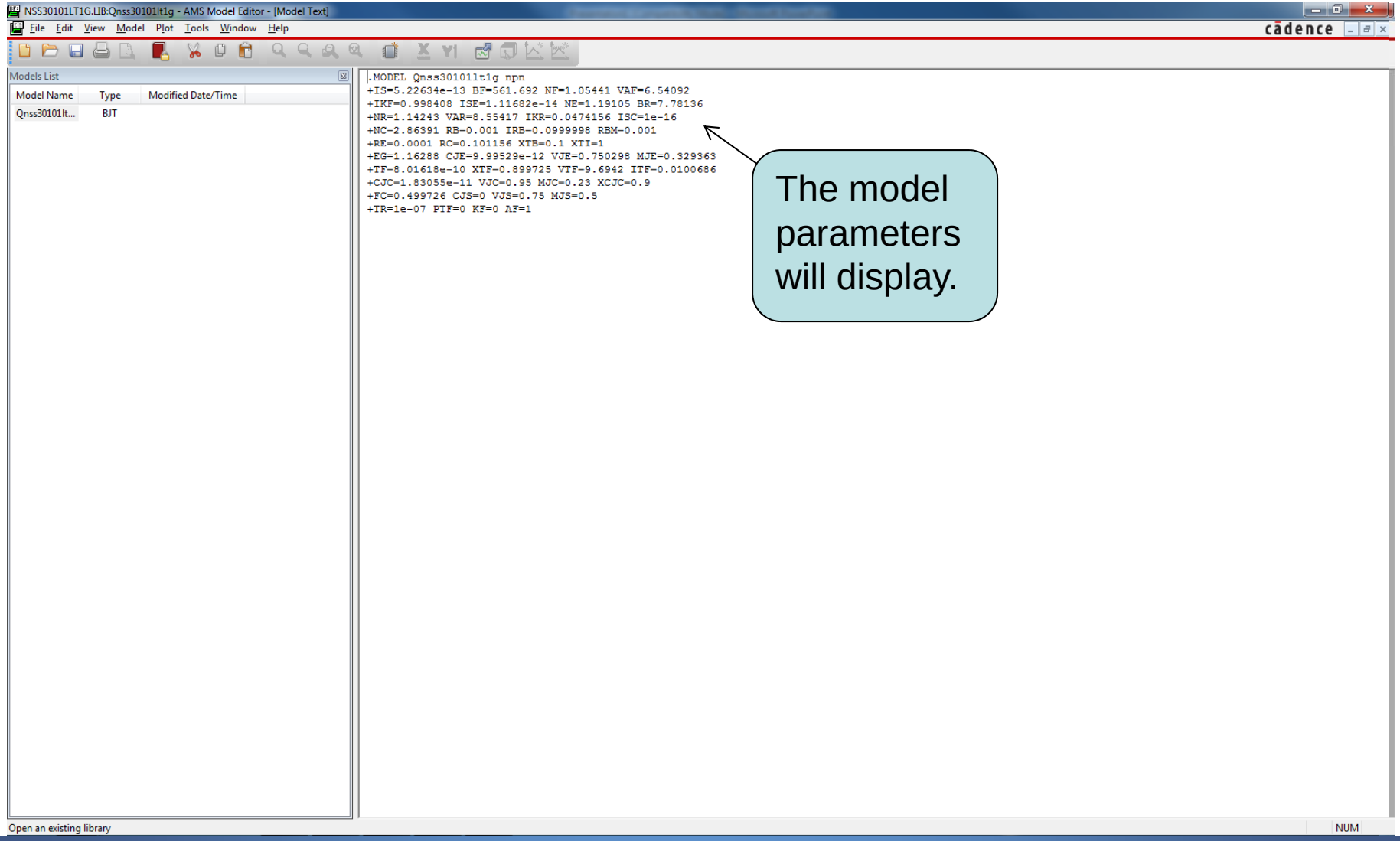
Select your file and left click “Open.”

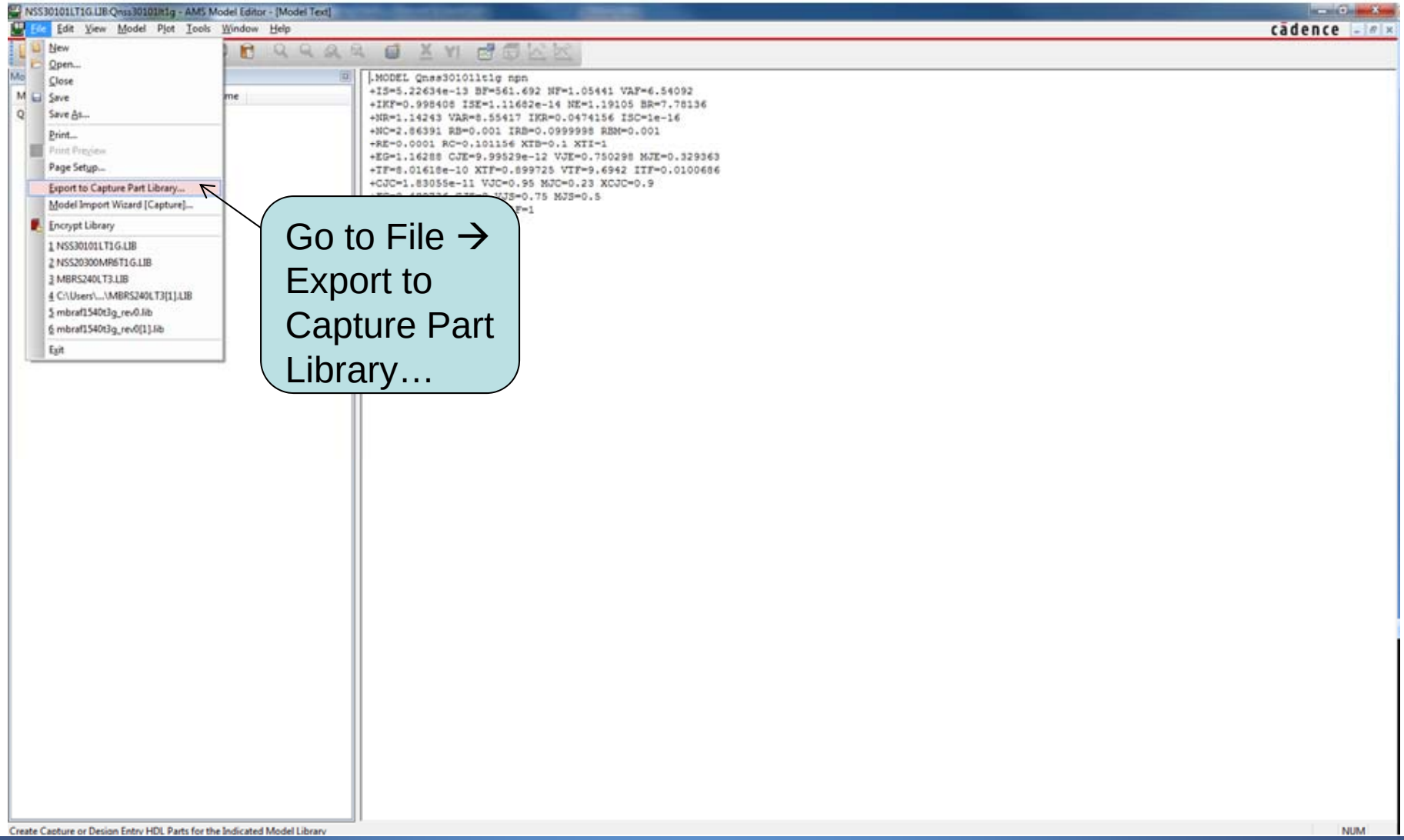
Display Parameters



Display Parameters



Export to .OLB File



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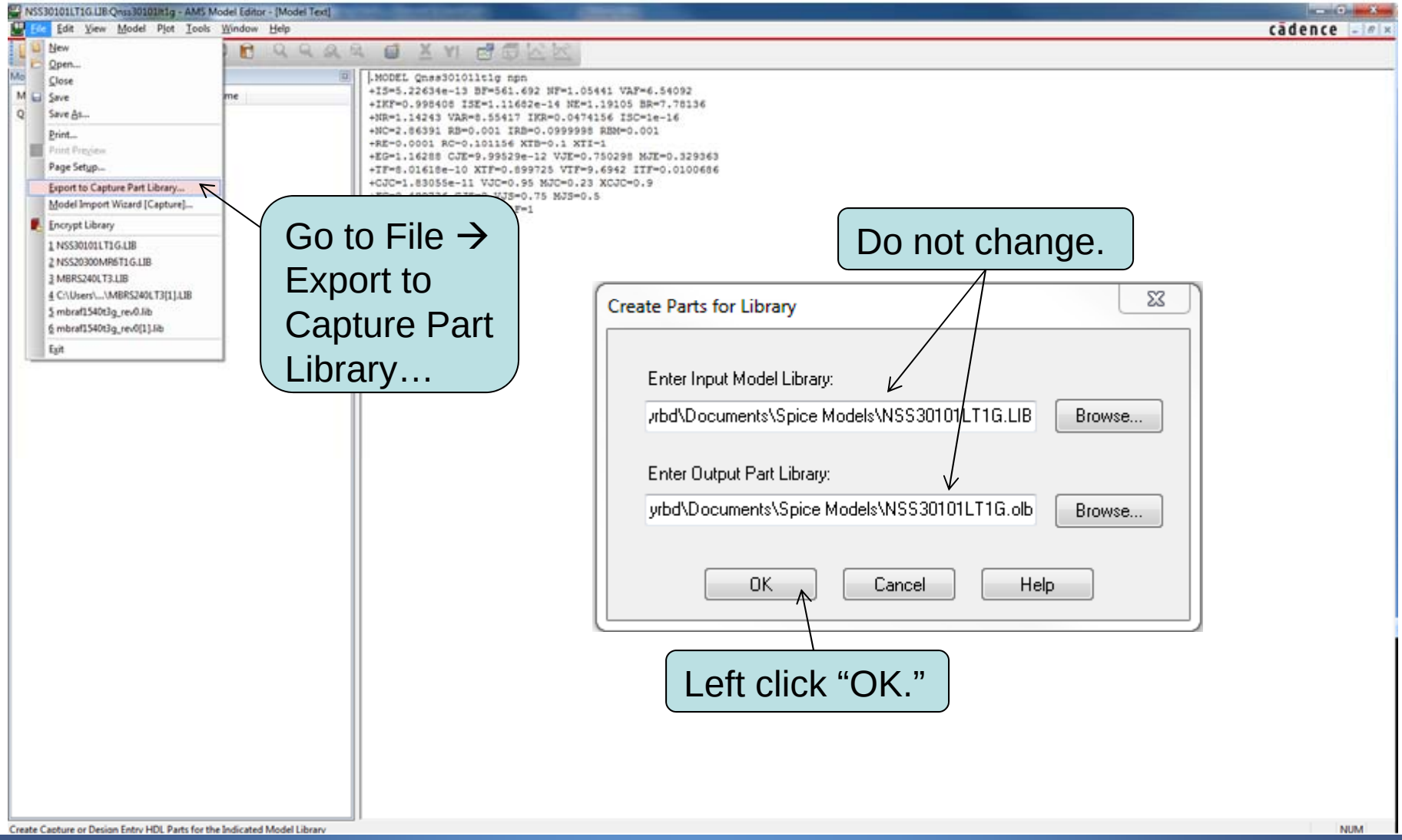

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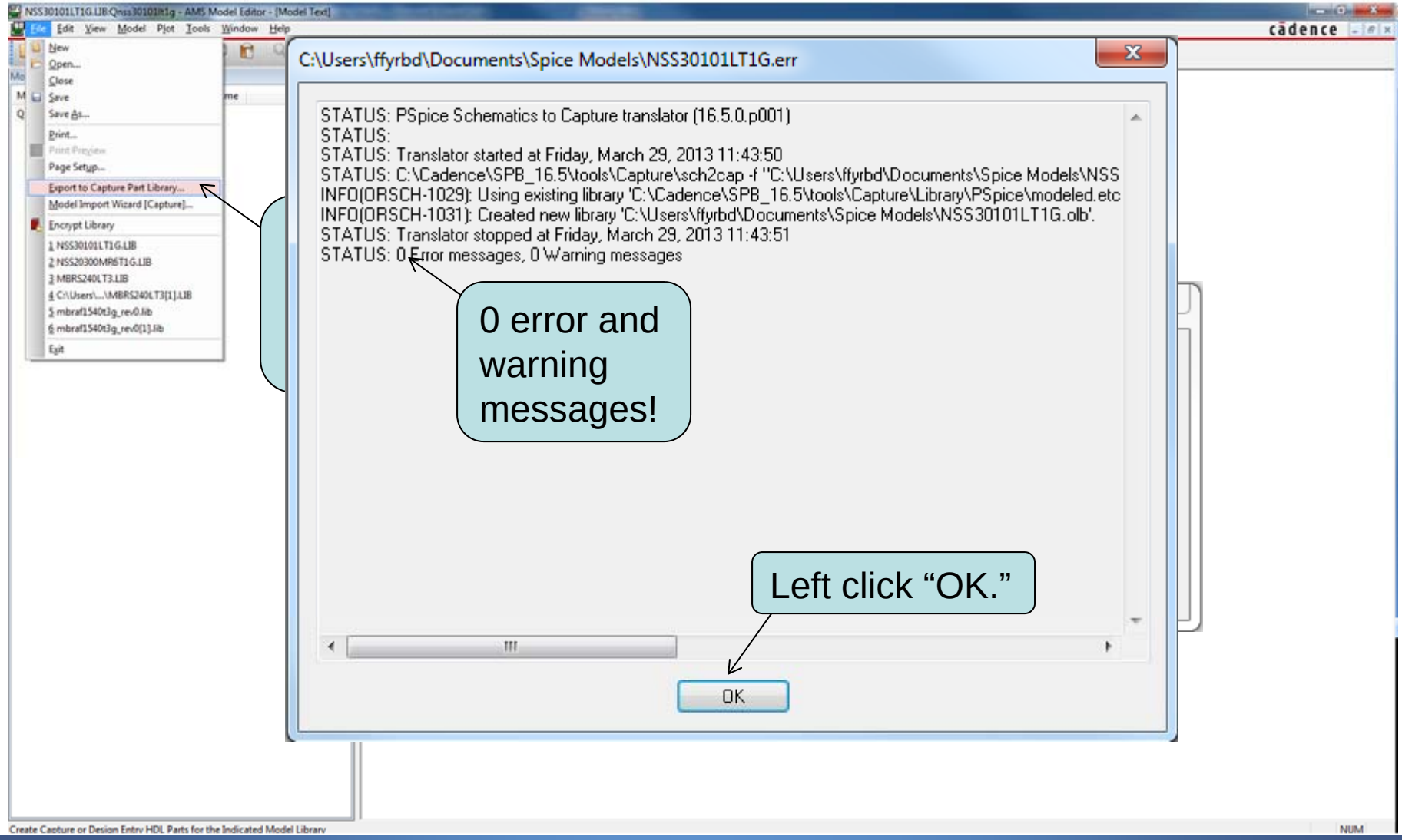
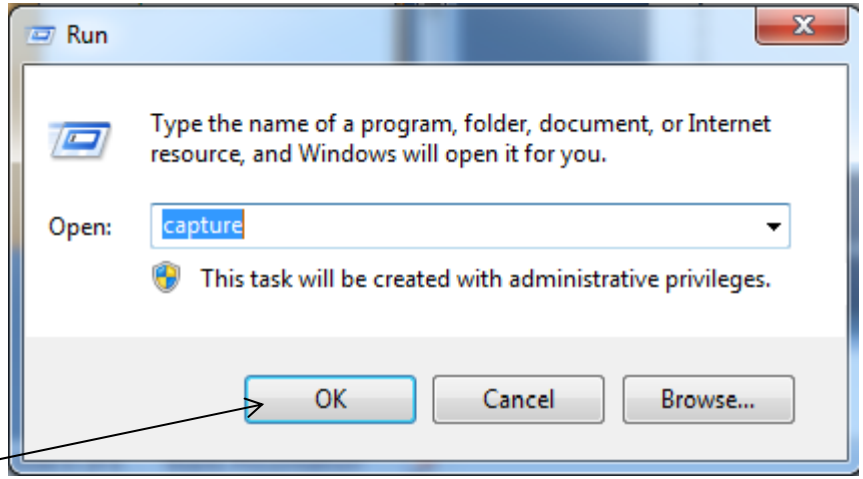
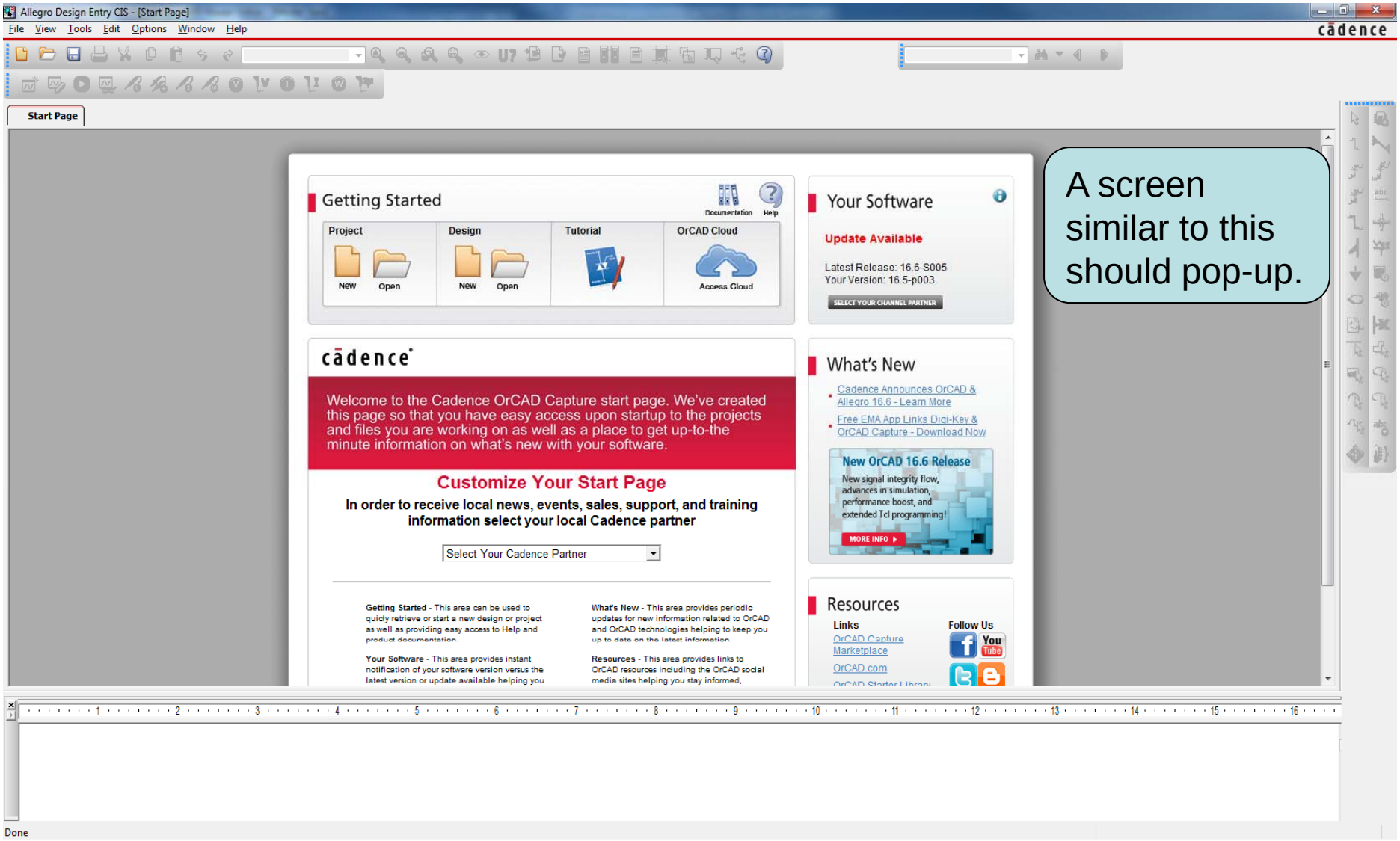


Create/Open Project in OrCAD

Run OrCAD.
You can do this any way you are use to.
If this is your first time go to Start → Run and type in “capture”, left click “OK.”

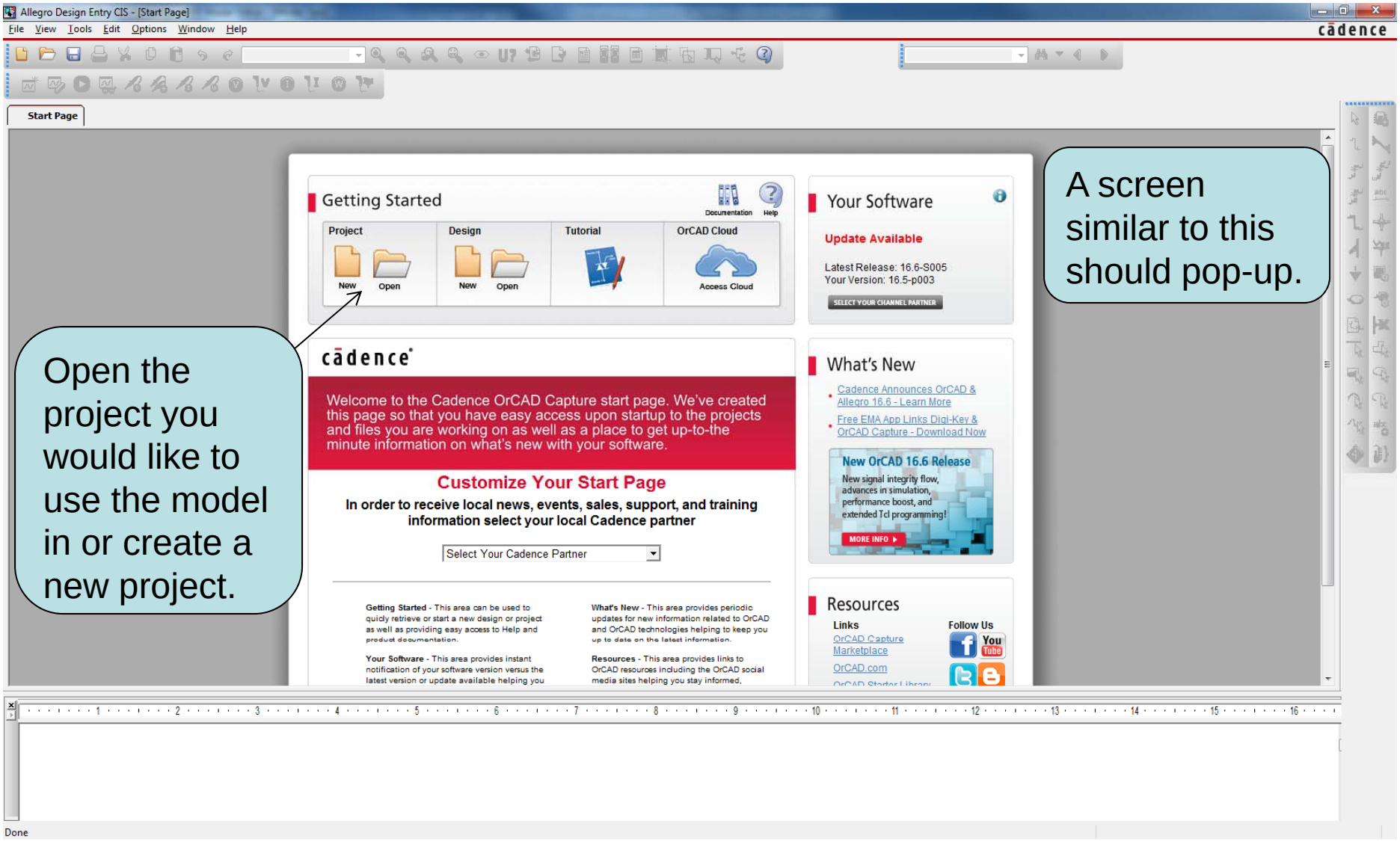


Create/Open Project in OrCAD



A screen similar to this should pop-up.

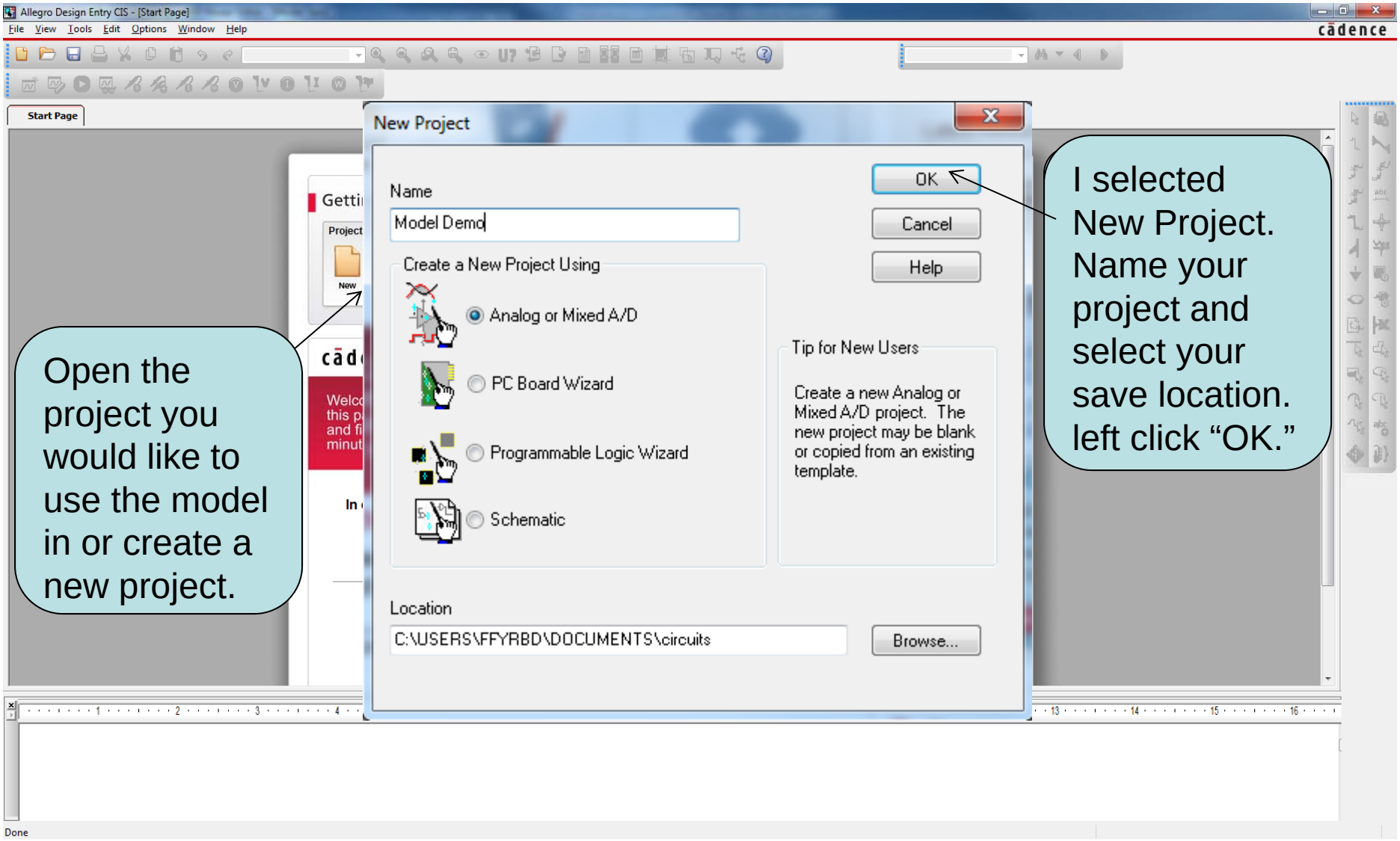
Create/Open Project in OrCAD



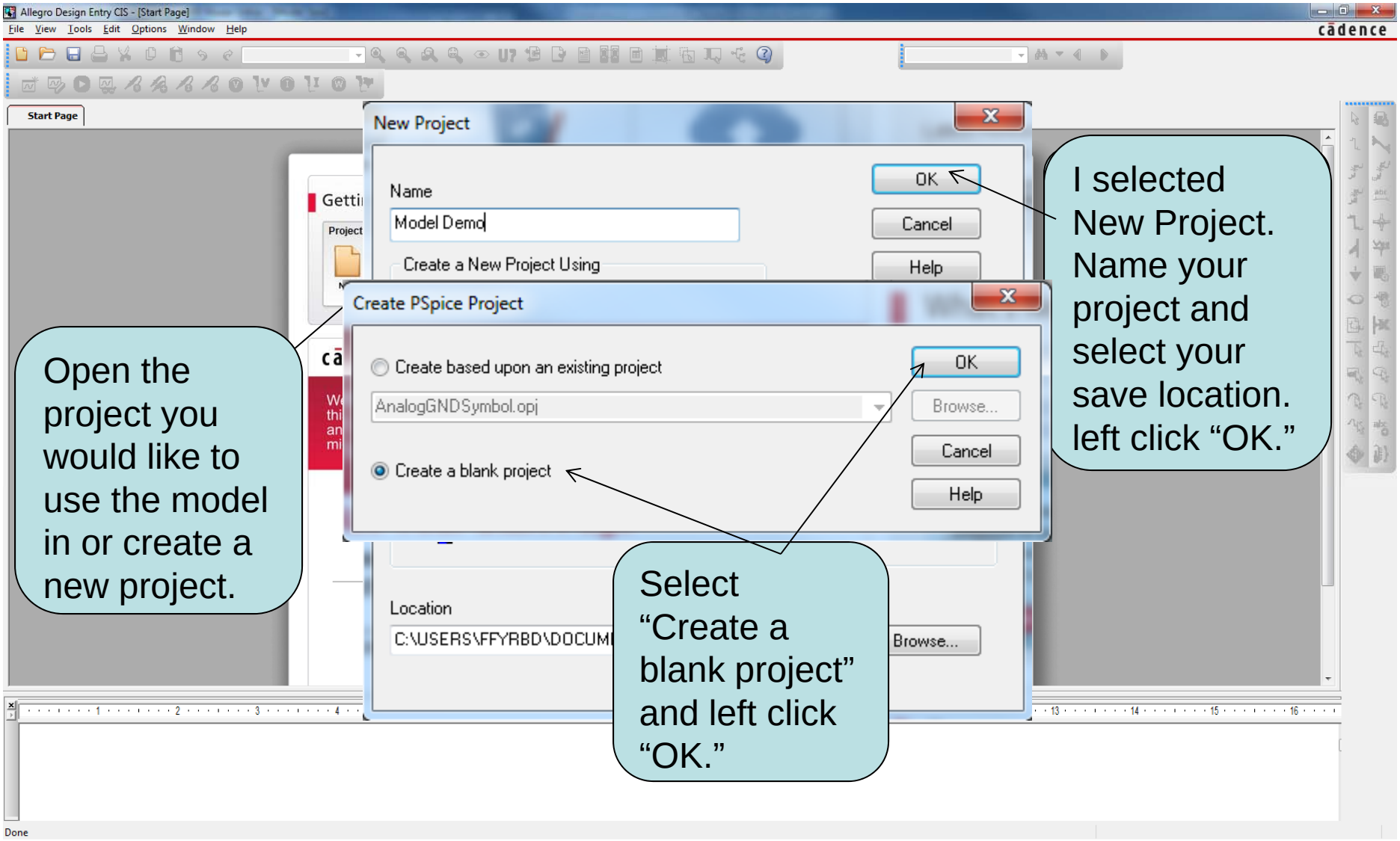
Open the project you would like to use the model in or create a new project.

A screen similar to this should pop-up.

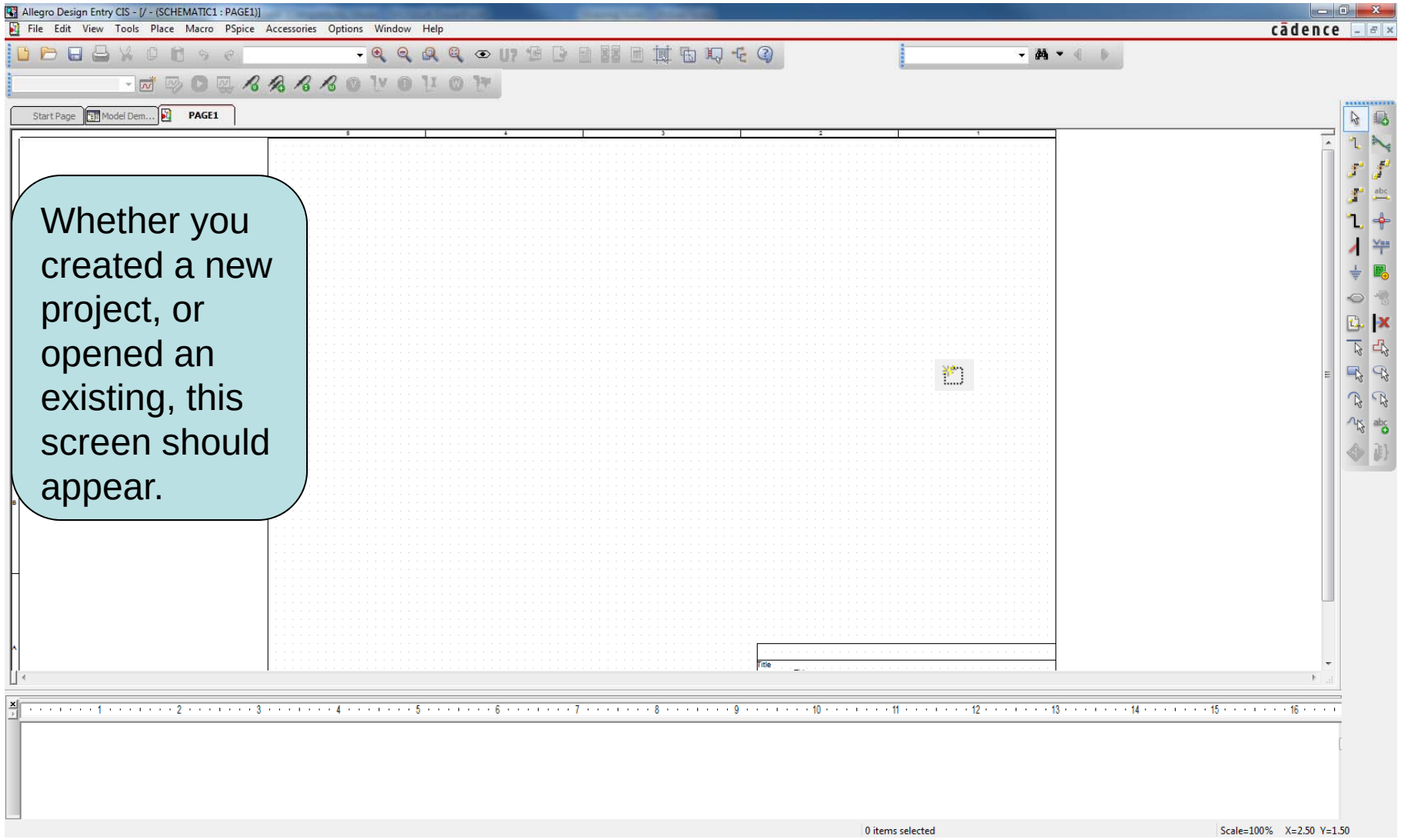
Create/Open Project in OrCAD



Create/Open Project in OrCAD



Import .OLB File into OrCAD



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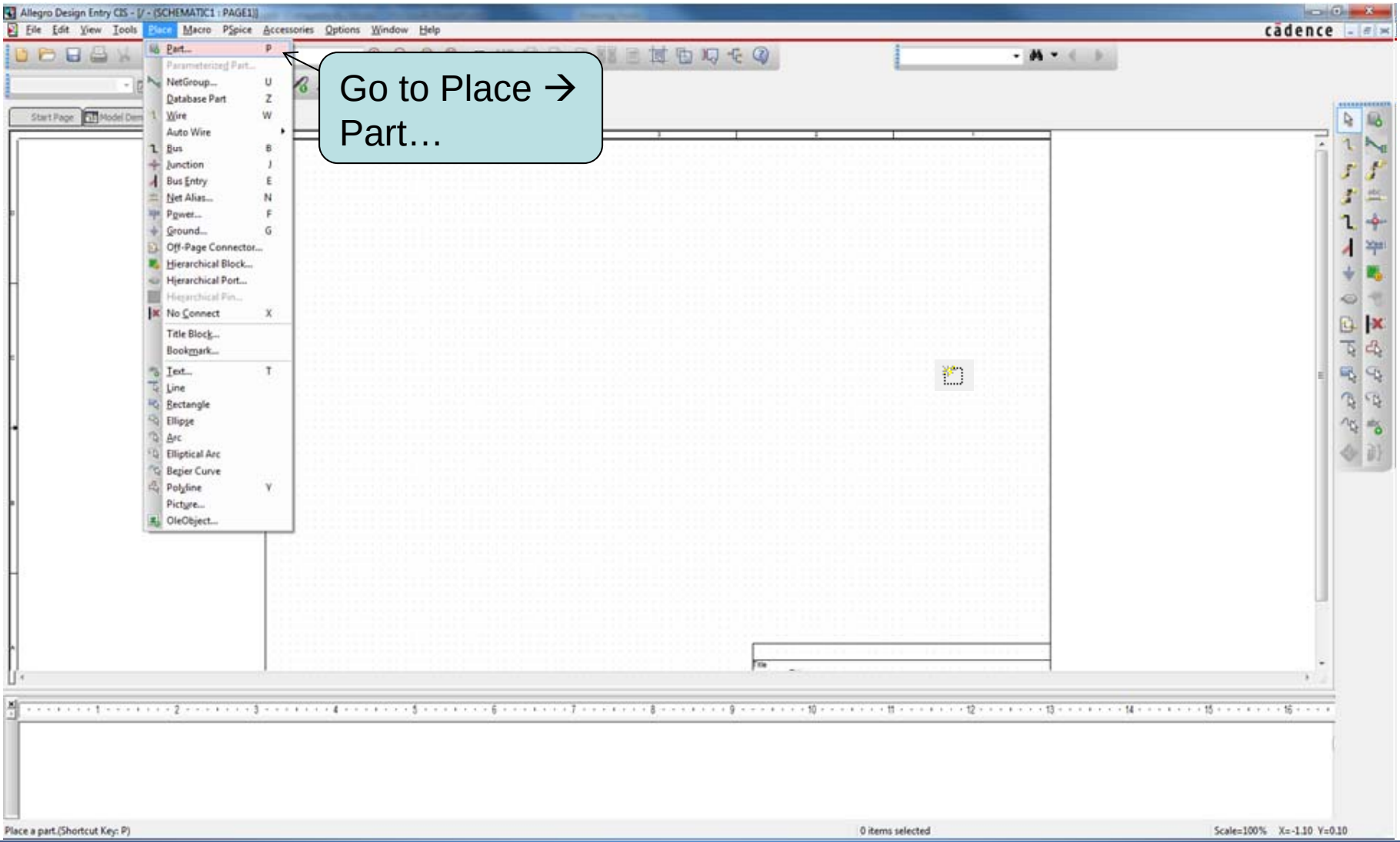

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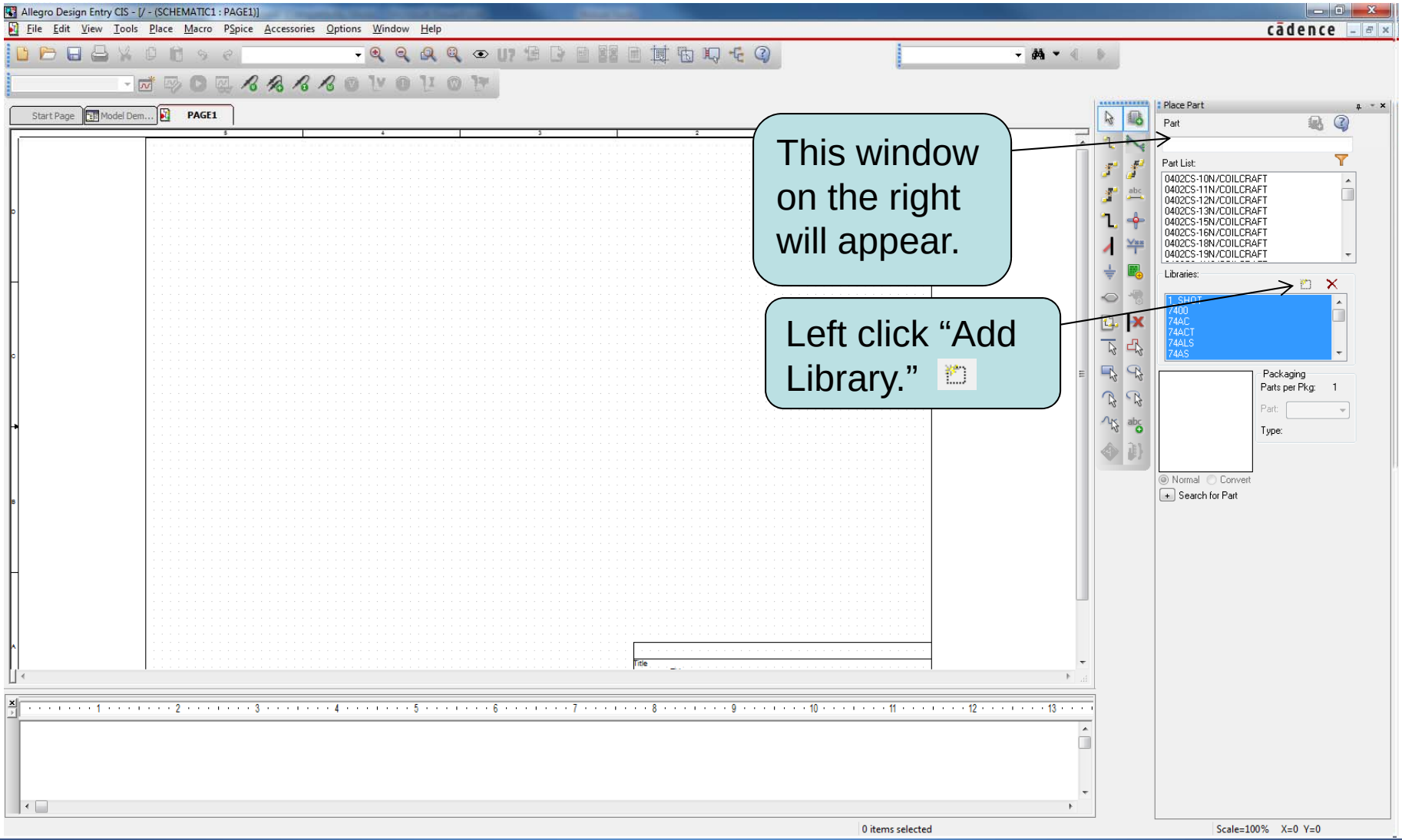

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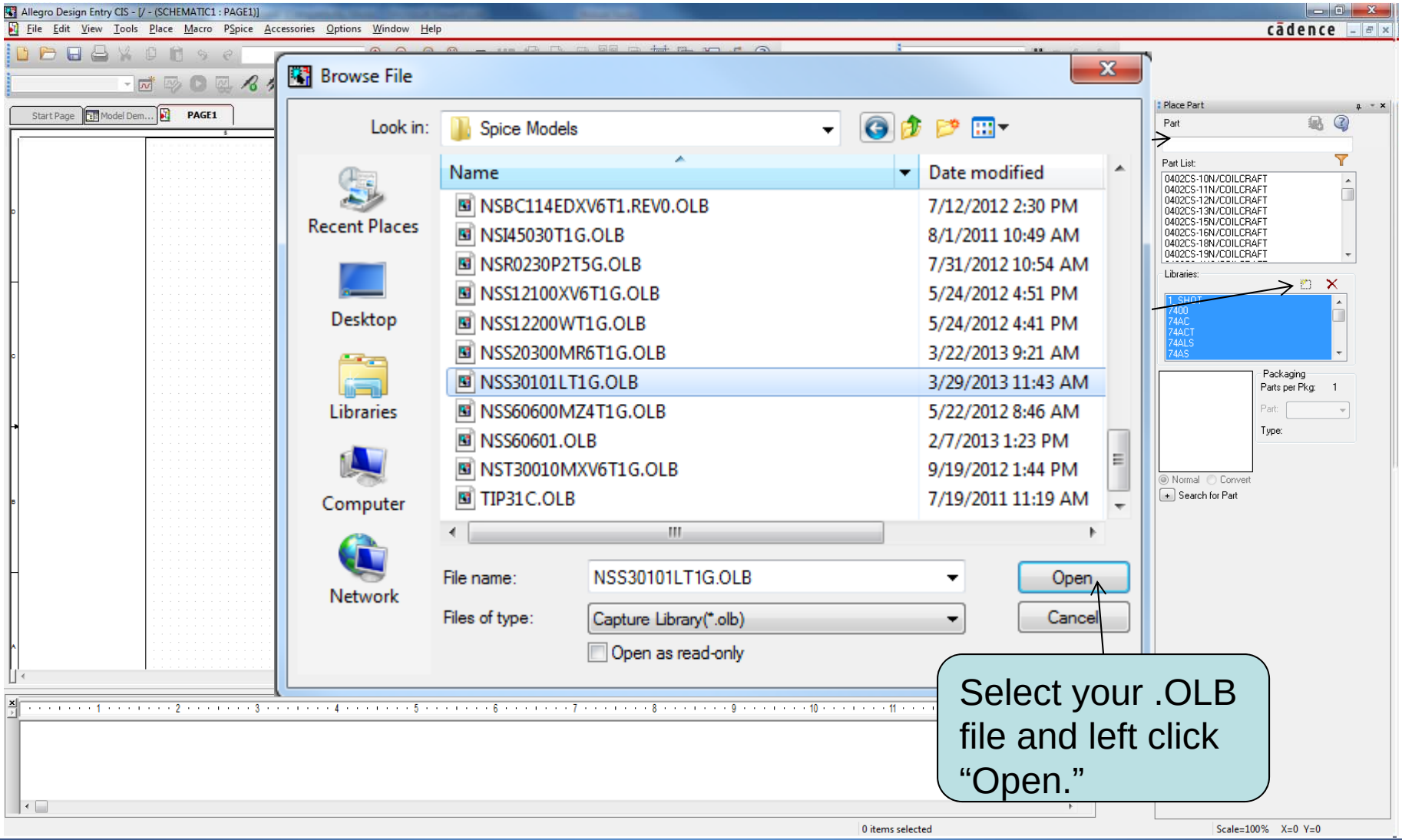
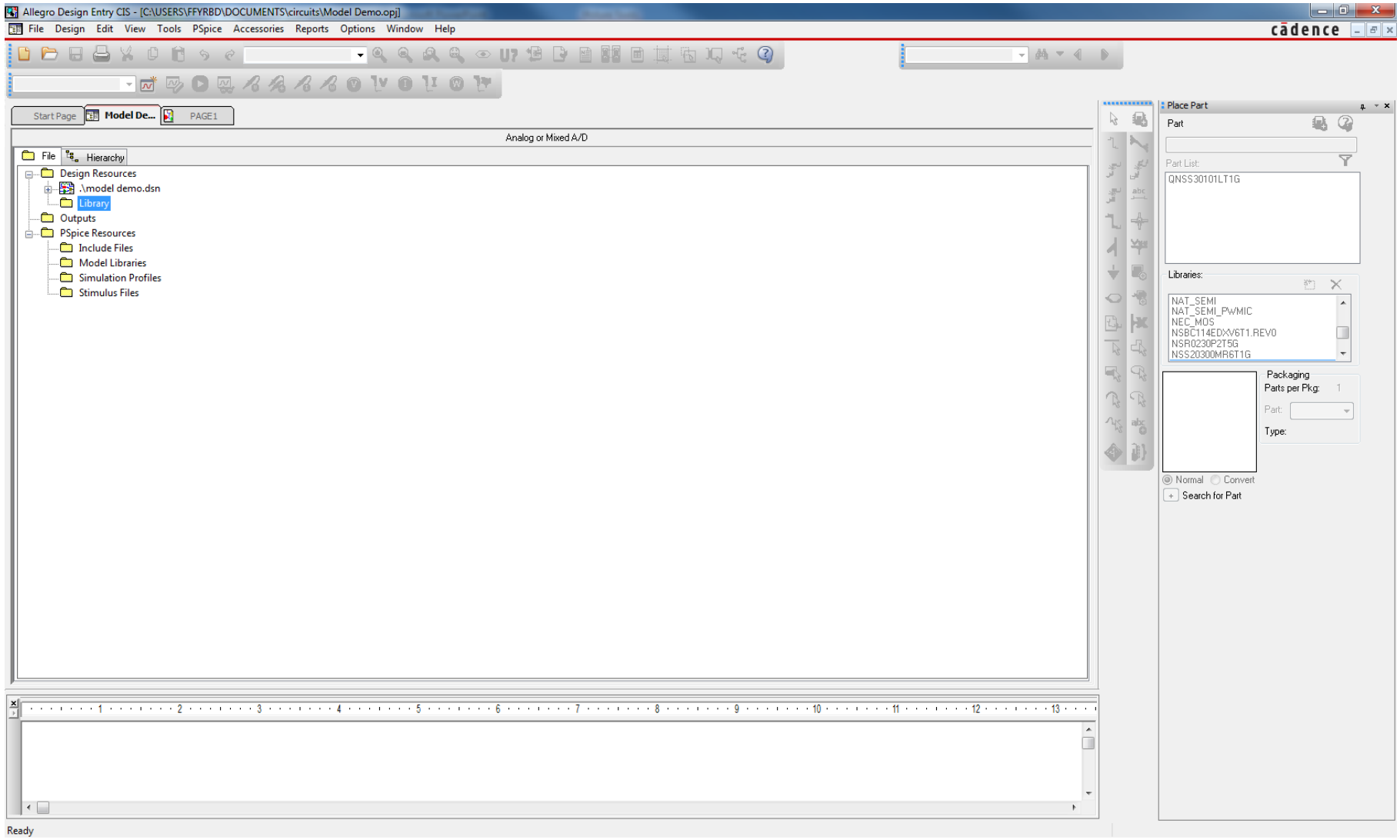


Import .LIB File into Your Project



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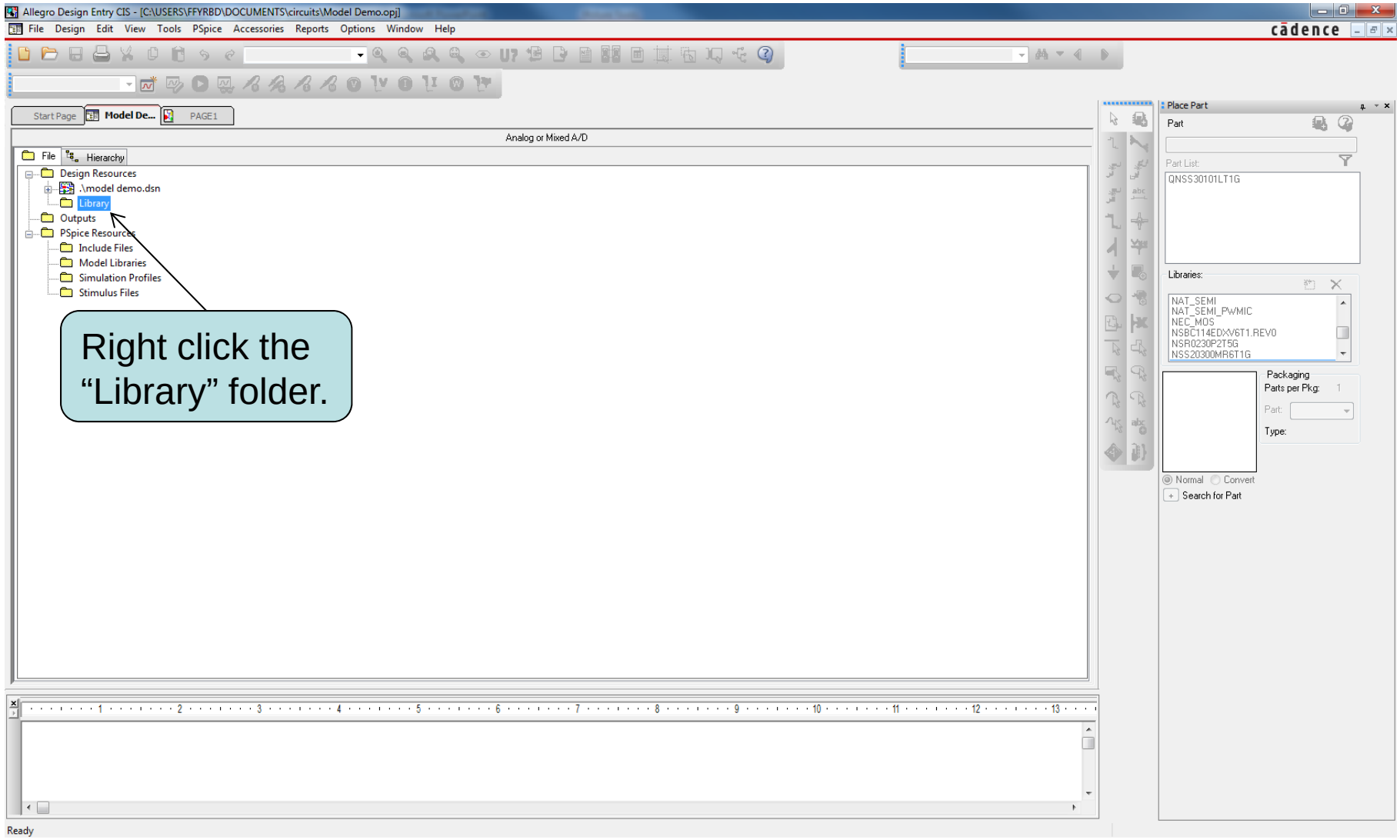

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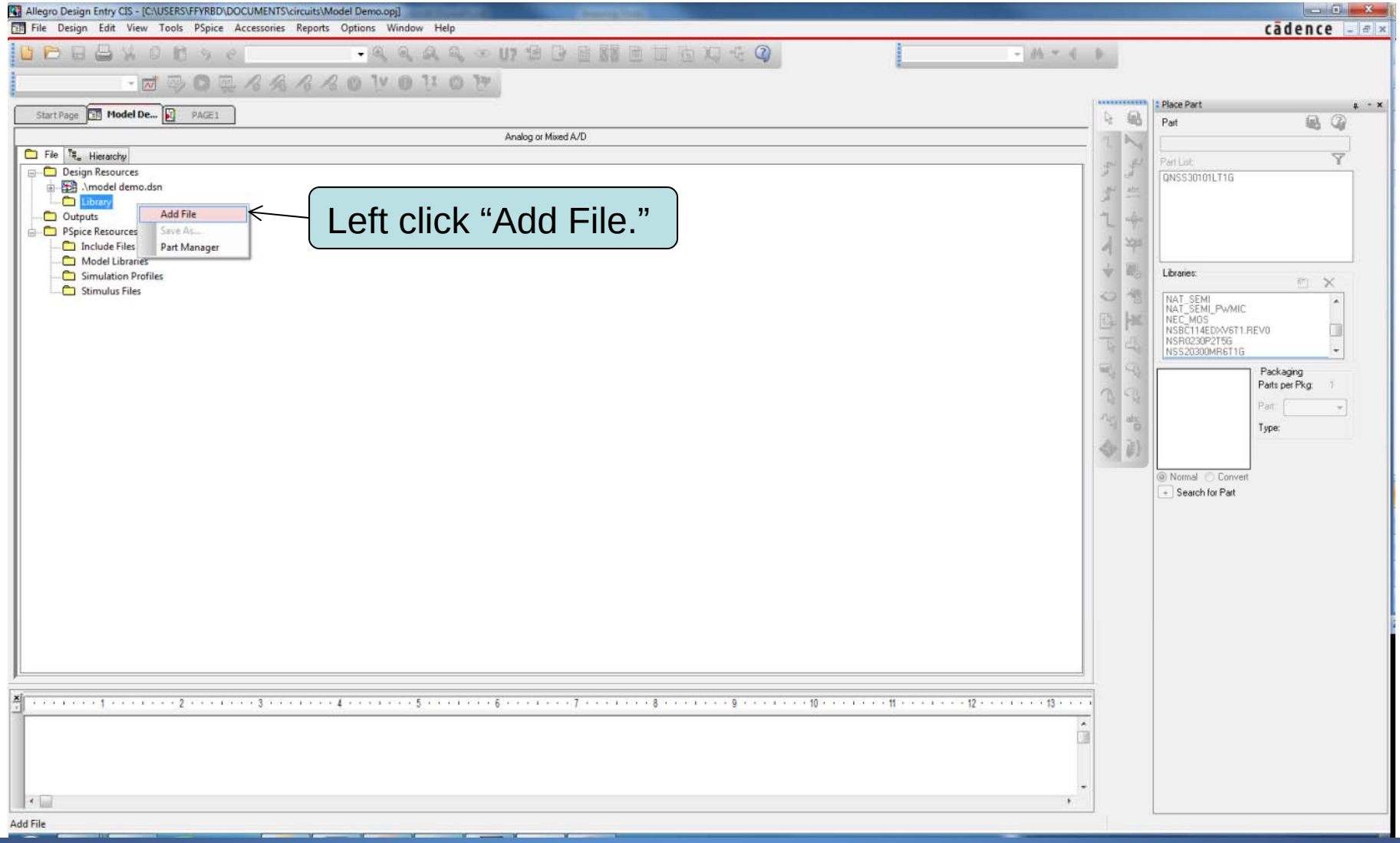

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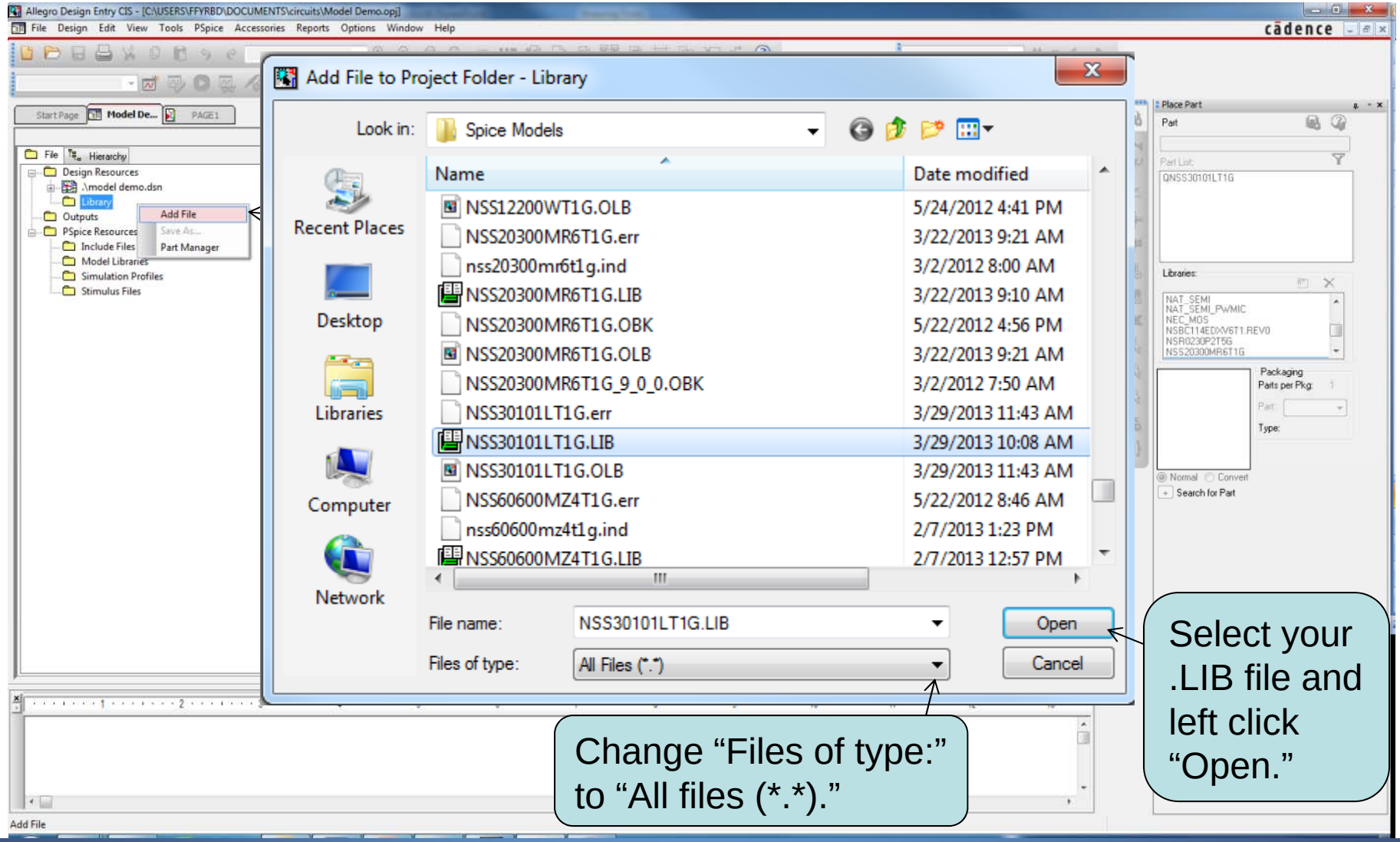

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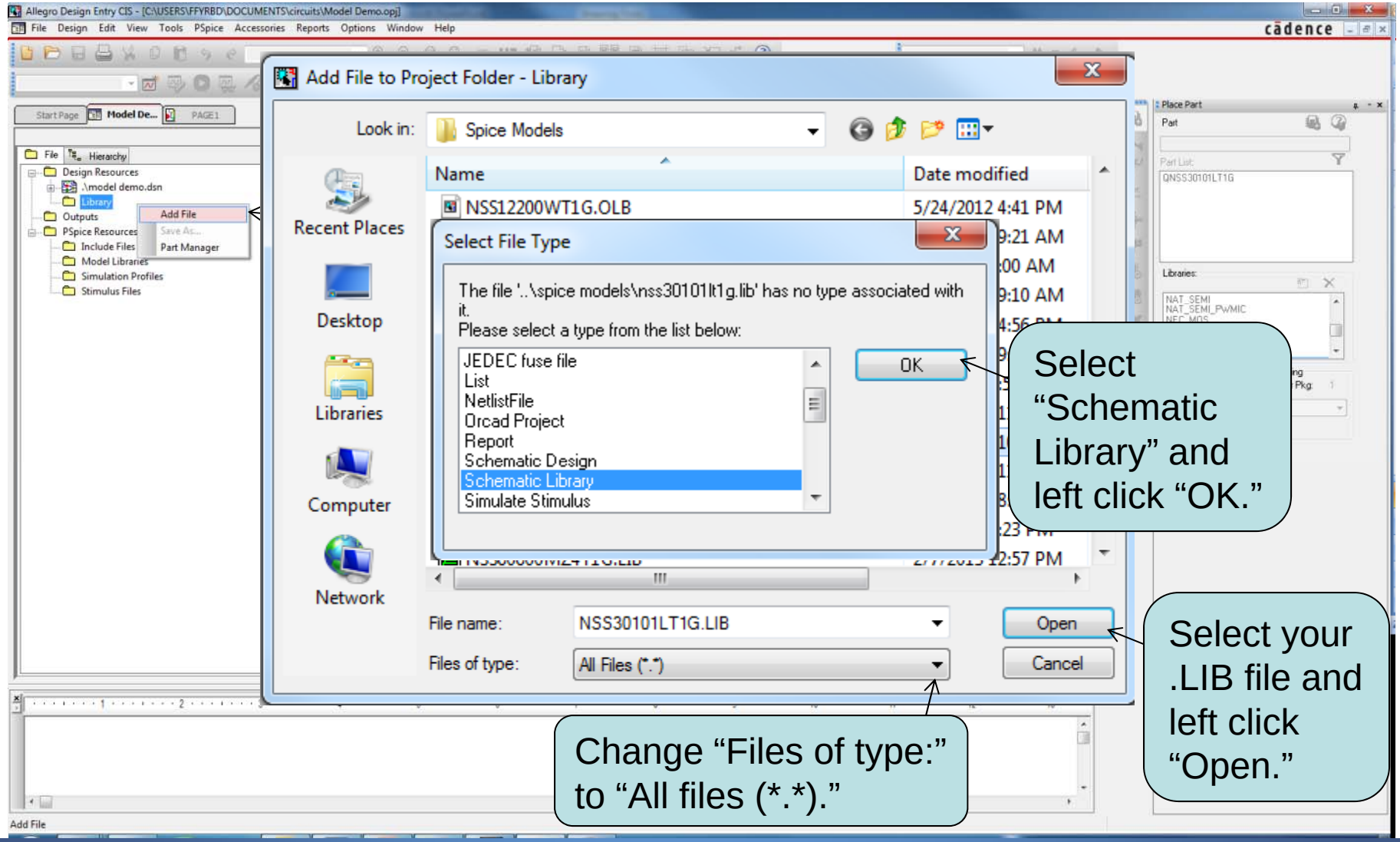

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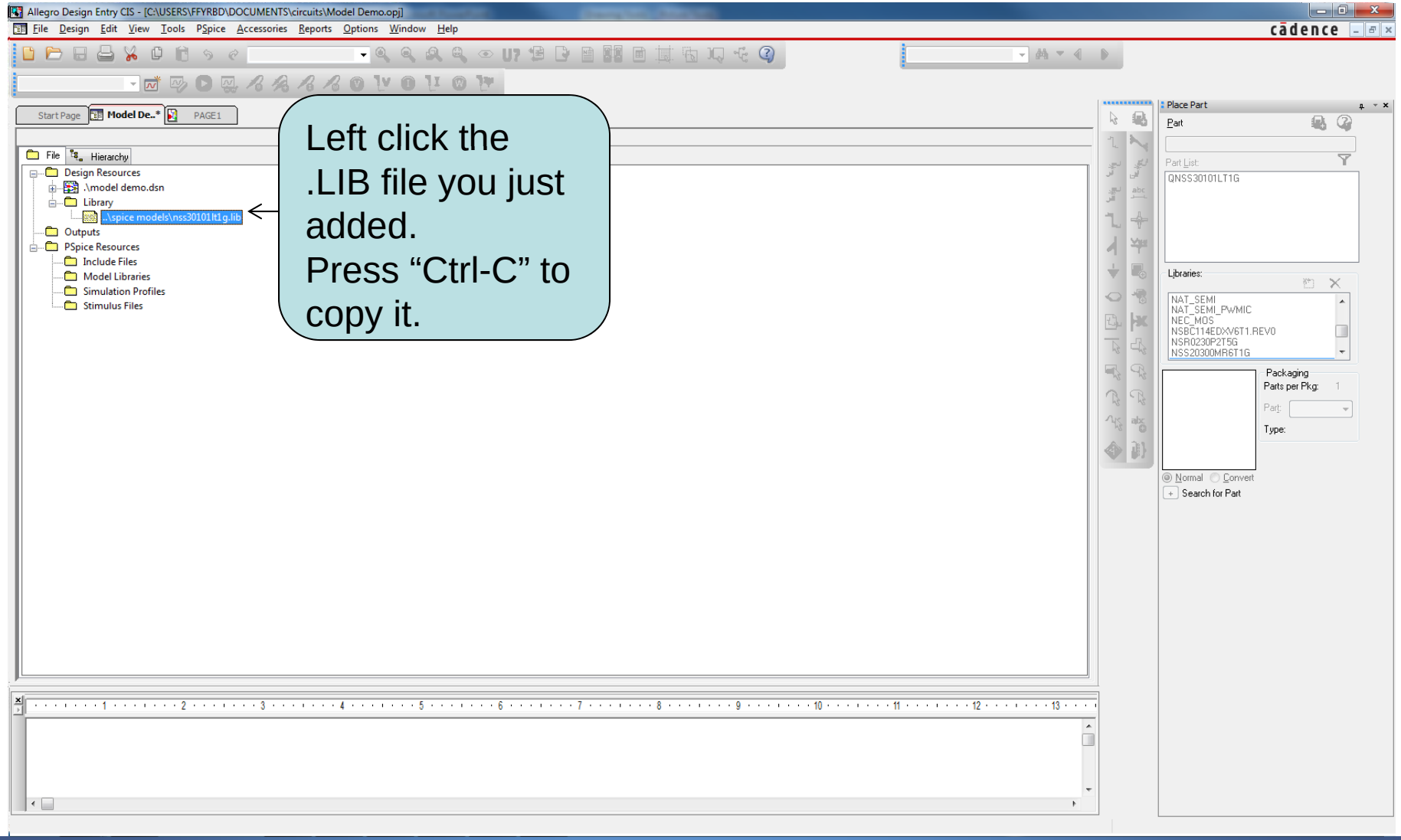

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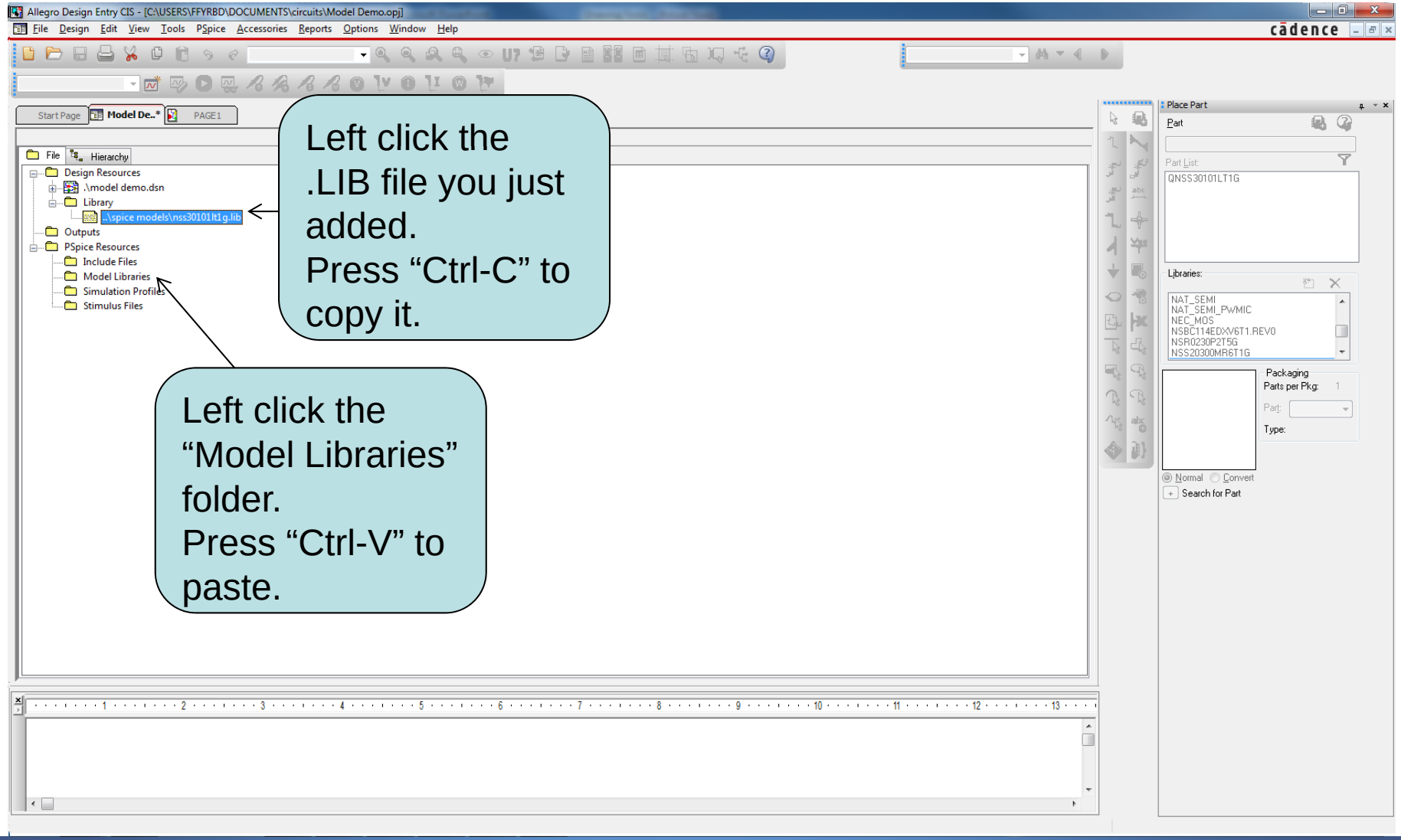
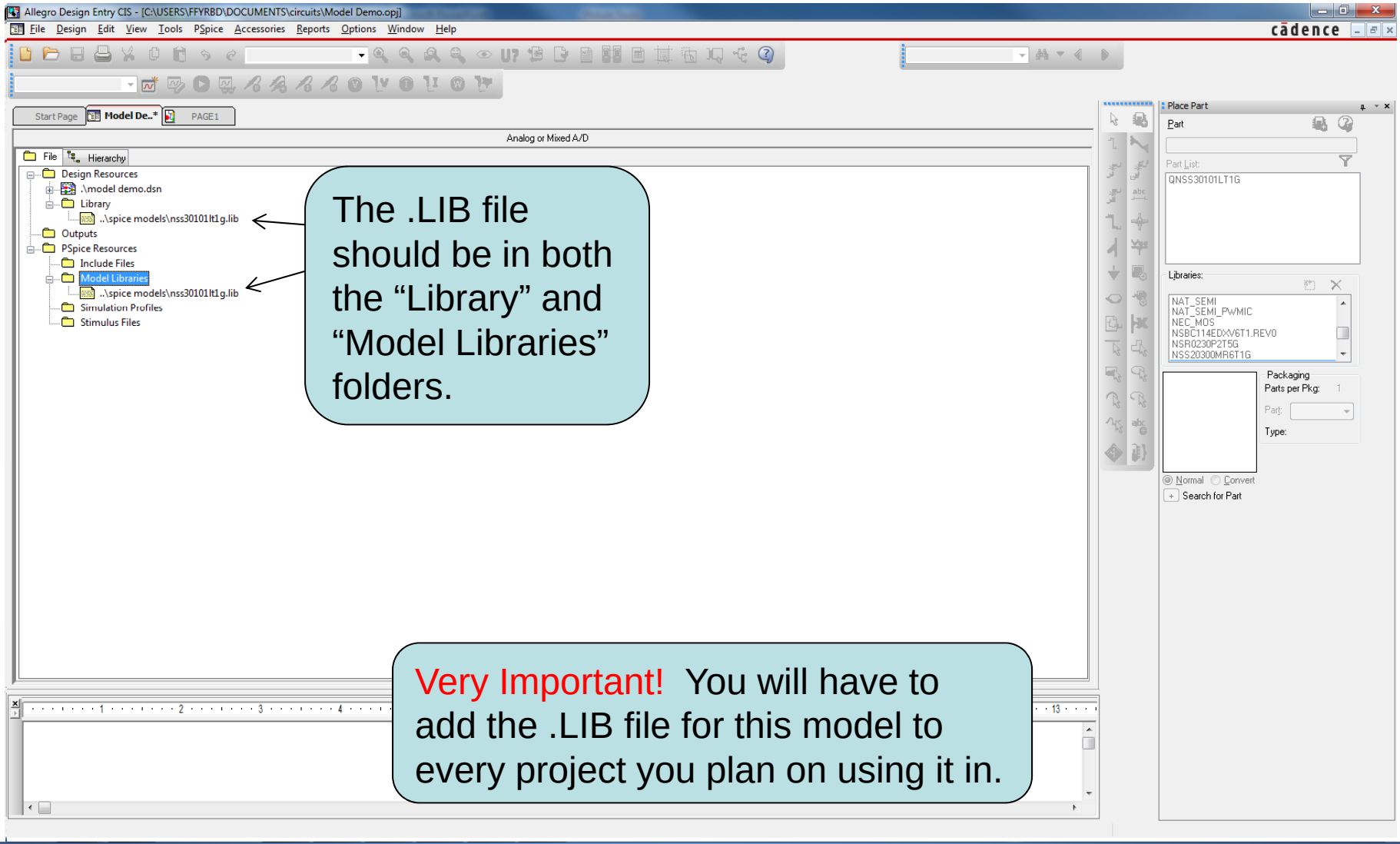
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