PSA

PASSIVE SYSTEM ALLIANCE

INPAQ TECHNOLOGY CO., LTD.

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ADS Import S2P Solution

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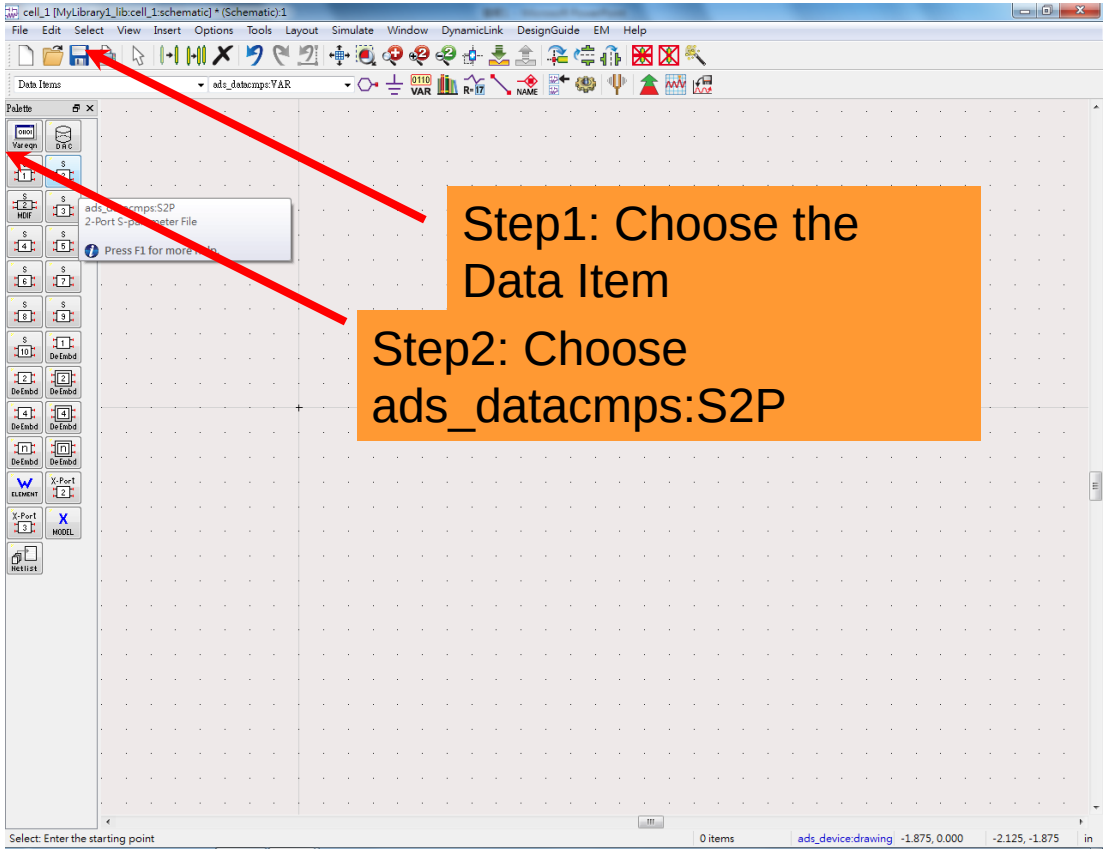
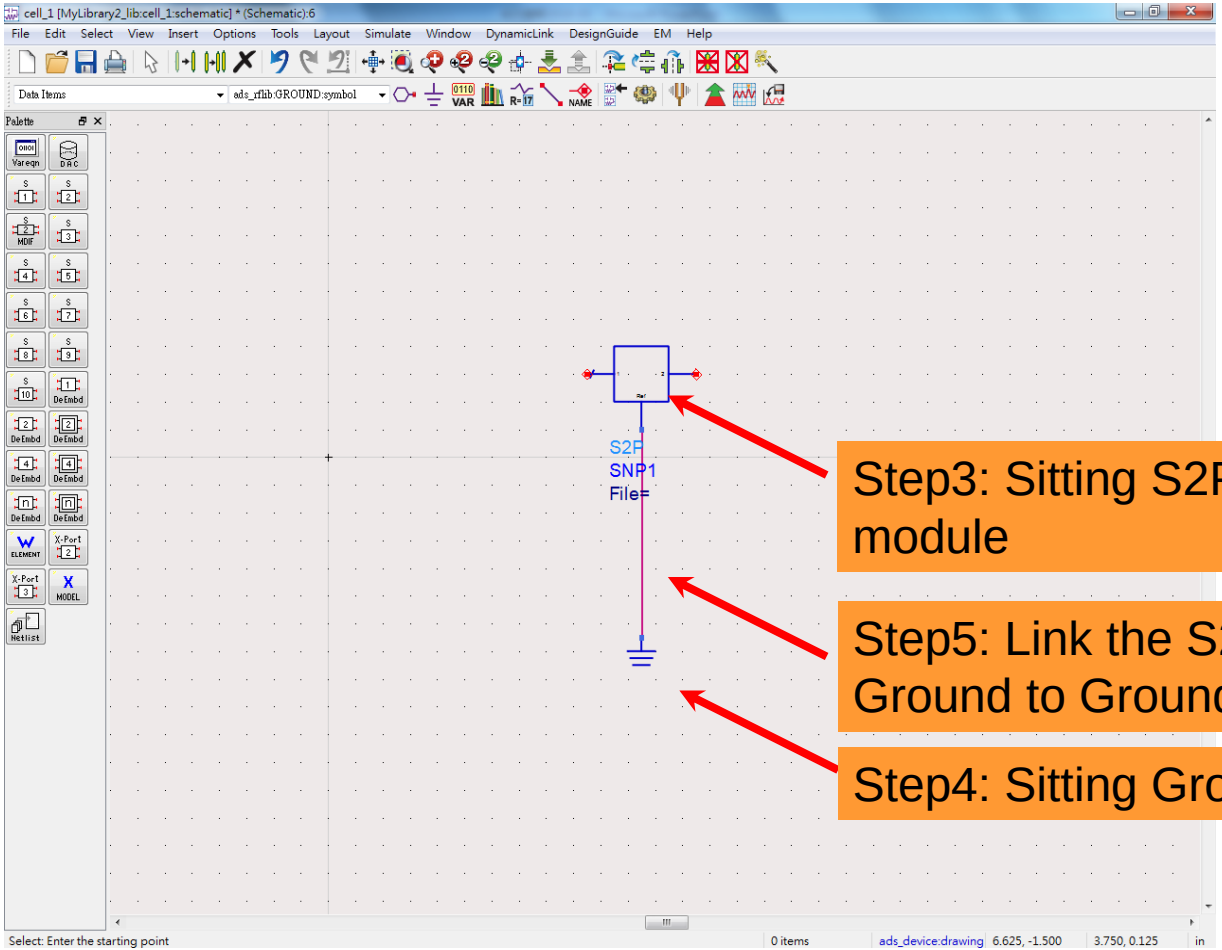
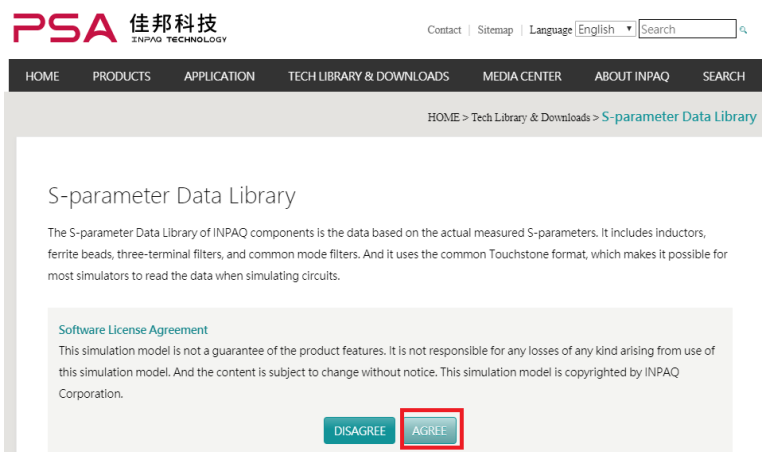
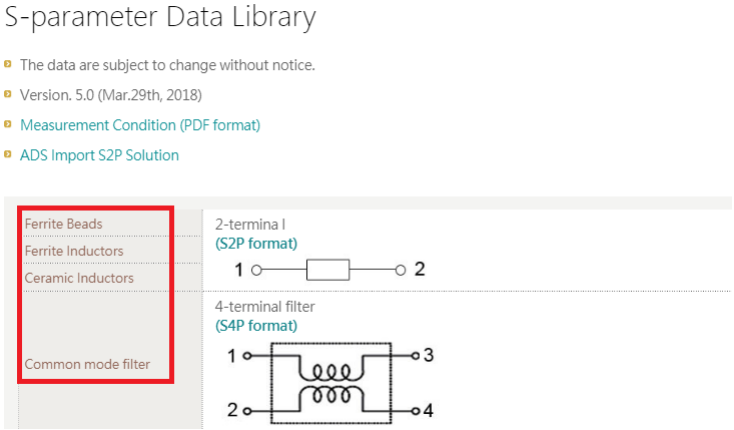
PSA

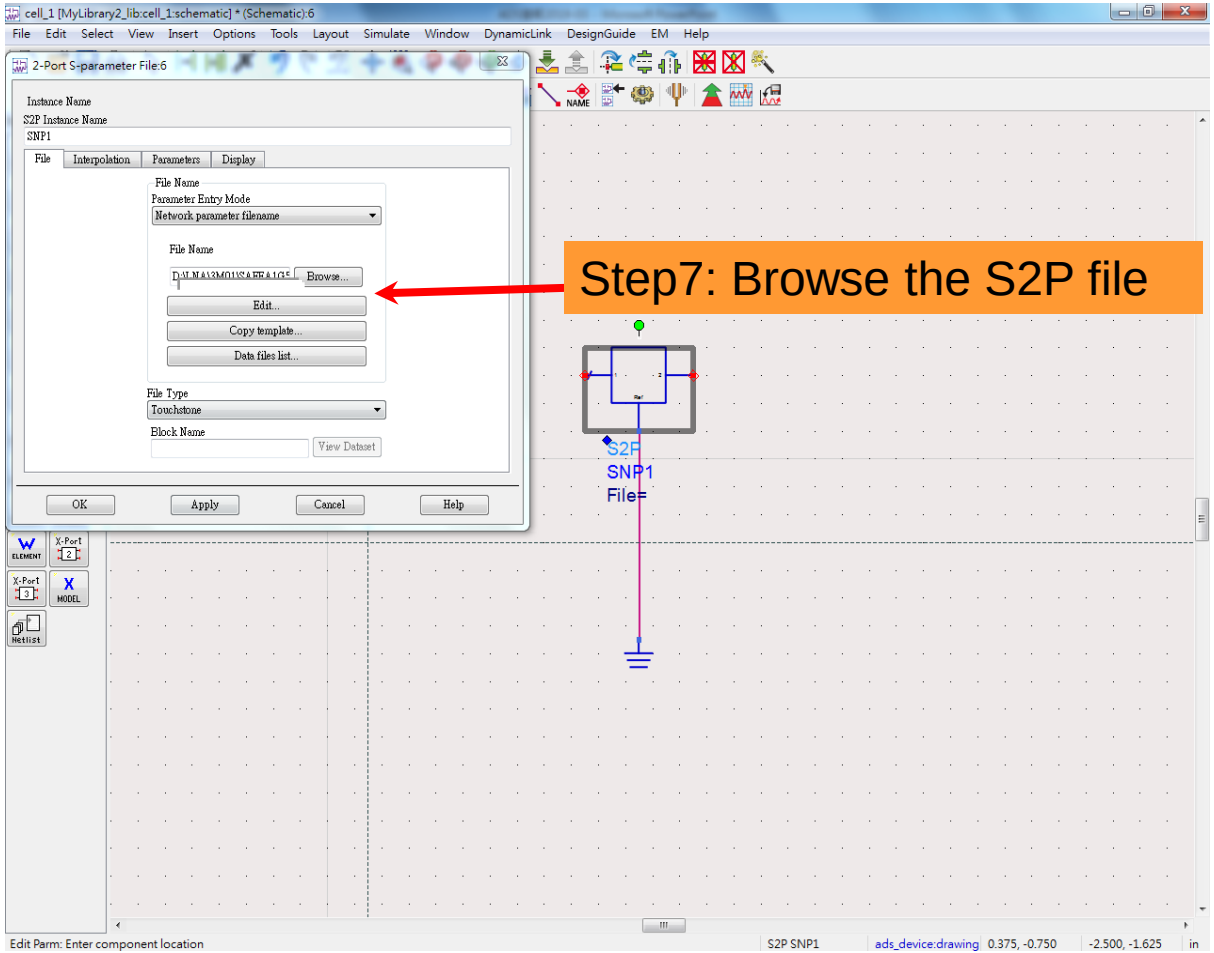

cell_1 [MyLibrary1_lib:cell_1:schematic] * (Schematic):1
File Edit Select View Insert Options Tools Layout Simulate Window DynamicLink DesignGuide EM Help
Data Items
ads_datacmps:VAR
Palette
Step1: Choose the Data Item
Step2: Choose ads_datacmps:S2P
Select: Enter the starting point
0 items
ads_device:drawing
-1.875, 0.000
-2.125, -1.875
in

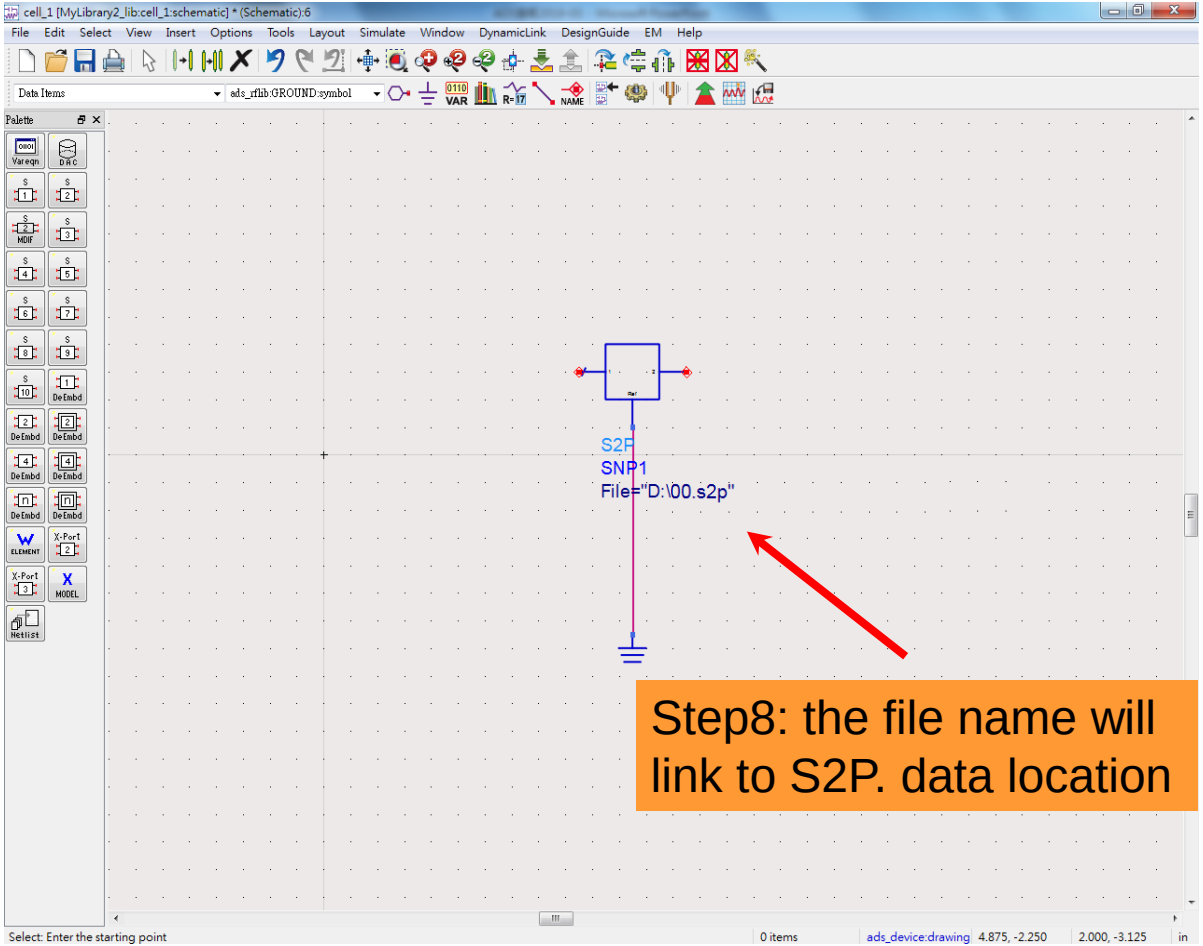

cell_1 [MyLibrary2_lib:cell_1:schematic] * (Schematic):6
File Edit Select View Insert Options Tools Layout Simulate Window DynamicLink DesignGuide EM Help
Data Items
ads_rflib:GROUND:symbol
Palette
S2P
SNP1
File=
Step3: Sitting S2P module
Step5: Link the S2P Ground to Ground
Step4: Sitting Ground
Select: Enter the starting point
0 items
ads_device:drawing
6.625, -1.500
3.750, 0.125
in

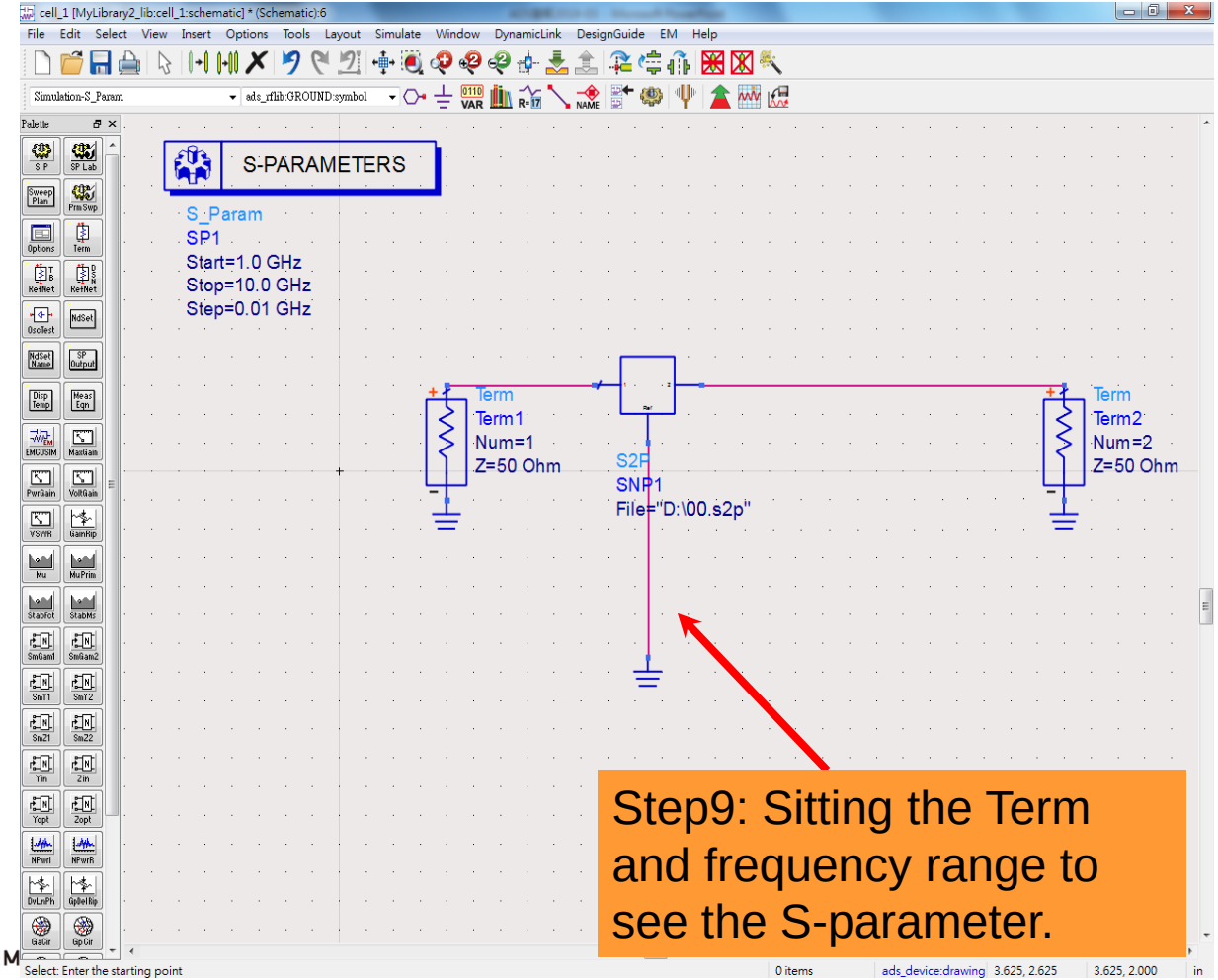




Download the S2P file at:
http://www.inpaq.com.tw/


cell_1 [MyLibrary2_lib:cell_1:schematic] * (Schematic):6
File Edit Select View Insert Options Tools Layout Simulate Window DynamicLink DesignGuide EM Help
2-Port S-parameter File:6
Instance Name
S2P Instance Name
SNP1
File Interpolation Parameters Display
File Name
Parameter Entry Mode
Network parameter filename
File Name
Browse...
Edit...
Copy template...
Data files list...
File Type
Touchstone
Block Name
View Dataset
OK Apply Cancel Help
Step7: Browse the S2P file
S2P
SNP1
File=
Edit Parm: Enter component location
S2P SNP1
ads_device:drawing 0.375, -0.750
-2.500, -1.625
in


cell_1 [MyLibrary2_lib:cell_1:schematic] * (Schematic):6
File Edit Select View Insert Options Tools Layout Simulate Window DynamicLink DesignGuide EM Help
Data Items
ads_rflib:GROUND:symbol
Palette
S2P
SNP1
File="D:\00.s2p"
Step8: the file name will link to S2P. data location
Select: Enter the starting point
0 items
ads_device:drawing 4.875, -2.250
2.000, -3.125
in


cell_1 [MyLibrary2_lib:cell_1:schematic] * (Schematic):6
File Edit Select View Insert Options Tools Layout Simulate Window DynamicLink DesignGuide EM Help
S-PARAMETERS
S_Param
SP1
Start=1.0 GHz
Stop=10.0 GHz
Step=0.01 GHz
Term
Term1
Num=1
Z=50 Ohm
S2P
SNP1
File="D:\00.s2p"
Term
Term2
Num=2
Z=50 Ohm
Step9: Sitting the Term and frequency range to see the S-parameter.

Thank you

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