ADS models

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Installation instructions



- The required model is a part of the RF transistors library. To import this component we have to install the library
- Open the Manage Favorite Design Kits



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Name Version	In Current Workspace	Library Definition File		
Add Zipped Design Kit Ad	d Library Definition File Re	emove from List		
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Add Zipped Design Kit Ad	d Library Definition File Re tudent/rkarnaty/MyWorkspace	emove from List 2_wrk". CloseHelp		

Manage Eavorite Design Kits							
Select A Zipped Design Kit File							
Look in:	/ece/Keysight/ADS2023/oalibs/componentLib		• ~ ~ ~	•			
🖳 Comp	Name	Δ	Size				
ikarnaty 🦾	Analog_Parts_vendor_kit.7z HFDiode_vendor_kit.7z Meas_SMT_Passive_vendor_kit.7z Microwave_Transistors_vendor_kit.7z RF_Passive_SMT_vendor_kit.7z RF_Transistors_vendor_kit.7z S_Parameter_vendor_kit.7z System_Lib_vendor_kit.7z						
••	•			Þ			
File <u>n</u> ame:	RF_Transistors_vendor_kit.7z			<u>O</u> pen			
Files of type: Zipped Design Kits (*.zip *.7z)							
Files of type:	perprese beorginates () exp () exp						

- Select "Add Zipped Design Kit"
- Now go to "/ece/Keysight/ADS2023/oalibs/componentLib" and select RF_Transistors_vendor_kit.7z.
- If you can't find it in your PC I have also added .7z file in gauchospace.
- Unzip the library to a location in your personal ads directory

• After unzipping it should look like this

Manage Favorite Design Kits ×							
Name Versi		In Current Workspace	Library Definition File				
_Transisto None		✓ \$HOME/Downloads/test_rf/RF_T					
d Zipped Desig	n Kit	Library Definition File	Remove from List				
d Zipped Desig	n Kit	Library Definition File	Remove from List				

Adding component

In your schematic Window go to Insert>Component>Component Library

r_models_lib:MRF951:schematic] * (Schematic):57



🚻 Component Library

✓ All Libraries	
> Workspace Libraries	<u>^</u>
> ADS Analog/RF Libraries	Component ^
ADS DSP Libraries	mf_m/ot_MRF134_19930106
✓ Read-Only Libraries	mf_not_MRF136_19930106
> Infineon_RF	mf/mgt_MRF136Y_19930106
Infineon_RF_tech	mf mgt MRF161 19930106
> RF_Transistors	
	mt_phi_t-t_2802A_19950106
	mt_phi_Lt-2805A_19930106
	mf_phi_LF2810A_19930106
	mf_phi_UF2805B_19930106
	mf_phi_UF2810P_19930106
	mf_phi_UF2815B_19930106
	mf_phi_UF2820P_19930106
	mf ply F2001 19930106
	mf ply F2002 19930106
	mf ply E2003 19930106
	mf ply F2004 19930106
× /	
Here you can search in the RE Transistors library	
	pb_bt_812V114d02_19931202
	pb_bt_812V114d05_19921215
	pb_bit_B15V140d09_19931202
	pb_bit_B15V140d10_19921215
	pb_bit_BT114d05_19911003
	pb_bit_BT114d10_19911001
	pb_bit_BT114d12_19911001
	pb_hit_2SC2712_19921217
	pb_hit_2SC2734_19921213
	pb_hit_25C3793_19921215
	pb hp AT00510 19921101
	pb hp AT00511 19931202
	b ba 470535 19221101
	bb bb ATD0570 19021101
	pb_nb_cation
	pp_AU0555_19921101
	pb_n016/0_19921101
	pb_hp_AT30511_19940623
	pb_hp_AT30533_19940623
	pb_hp_AT31011_19940623
	pb_hp_AT31033_19940623
	pb_hp_AT32011_19950105
	pb_hp_AT32032_19980529
	pb_hp_AT32033_19950105
	< >>
Download Libraries	767 items found

• Search for MRF951 or MRF901 based on what you want to use



The name for MRF 901 is

