

ADS model for BFP181

Download ADS library

<https://www.mouser.com/ProductDetail/Infineon-Technologies/BFP181E7764HTSA1?qs=sGAEpiMZZMutXGLi8Ay4kB11bbUbm59cYL6of3lsjs4%3D>

Low Noise Silicon Bipolar RF Transistor

- For low noise, high-gain broadband amplifiers at collector currents from 0.5 mA to 12 mA
- $f_T = 8$ GHz, $NF_{min} = 0.9$ dB at 900 MHz
- Pb-free (RoHS compliant) package
- Qualification report according to AEC-Q101 available



Documents (10)

Filter Document:

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Datasheet

[BFP181E7764HTSA1 Datasheet \(PDF\)](#)

Models

[Infineon-RFTransistor-AWR_MWO_Design_Kit-SM-v02_10-EN \(Zip\)](#)

[Infineon-RFTransistor-Keysight_ADS_Design_Kit-SM-v02_10-EN \(Zip\)](#)

[PCB Footprints & Symbols - BFP181 - Low Noise Si Transistors up to 2.5 GHz - MWO - v2.0.zip \(Zip\)](#)

[PCB Footprints & Symbols - Low Noise Si Transistors up to 2,5 GHz - Altium - v1.0 \(Zip\)](#)

[PCB Footprints & Symbols - Low Noise Si Transistors up to 2,5 GHz - Cadence - v1.0 \(Zip\)](#)

[PCB Footprints & Symbols - Low Noise Si Transistors up to 2,5 GHz - Eagle - v1.0 \(Zip\)](#)

[PCB Footprints & Symbols - Low Noise Si Transistors up to 2,5 GHz - Mentor - v1.0 \(Zip\)](#)

Product Catalogs

[Infineon's Latest Power and Sensing Guide \(PDF\)](#)

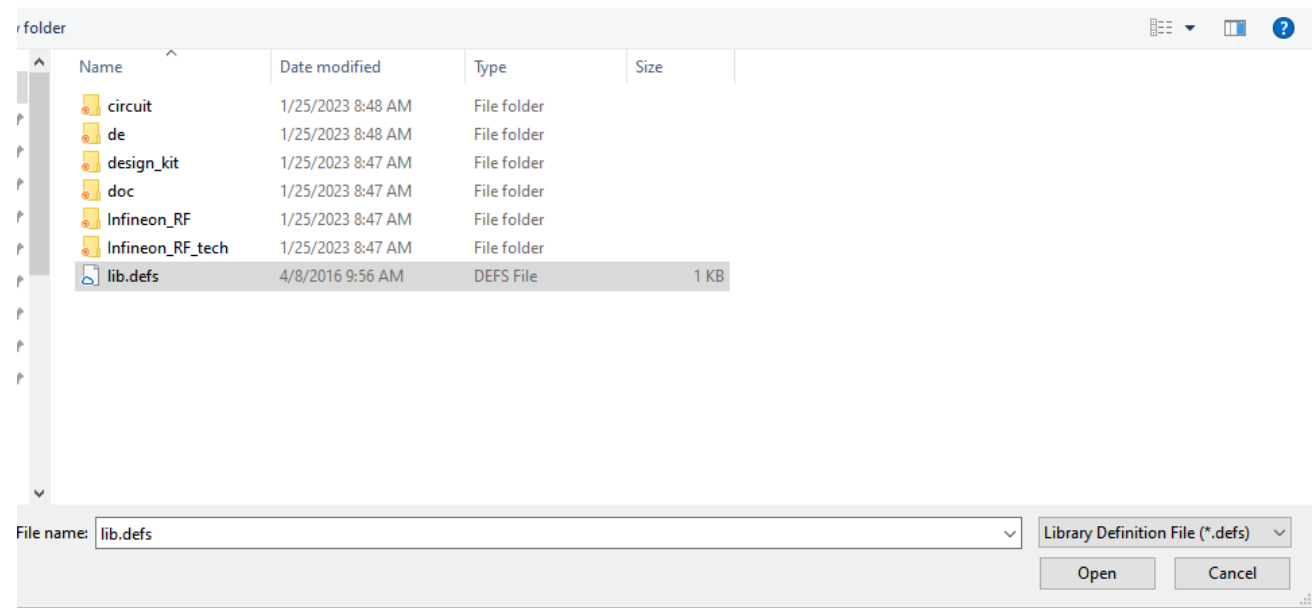
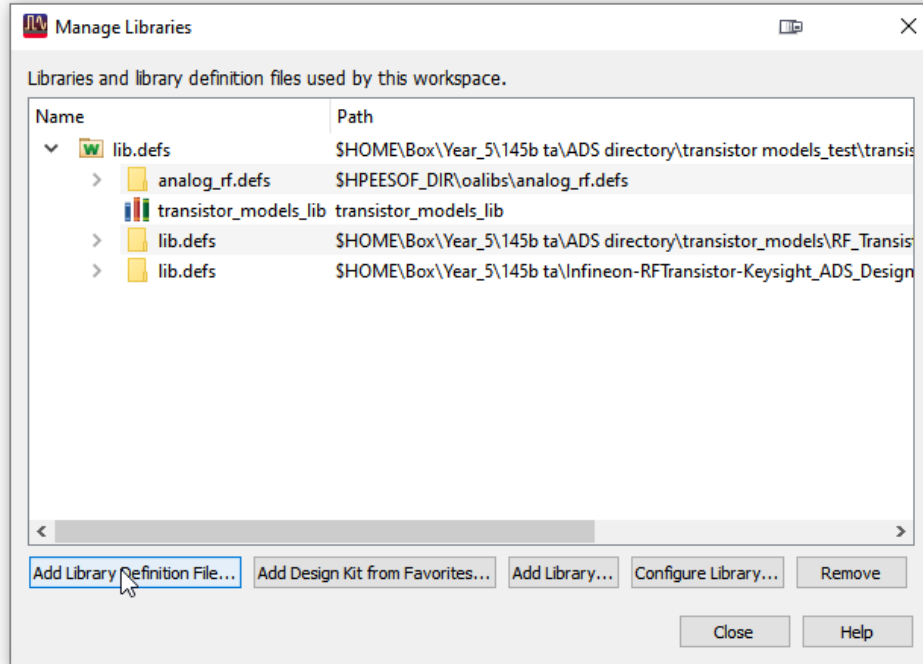
SPICE Models

[Infineon-RFTransistor-SPICE.lib-SM-v02_10-EN](#)

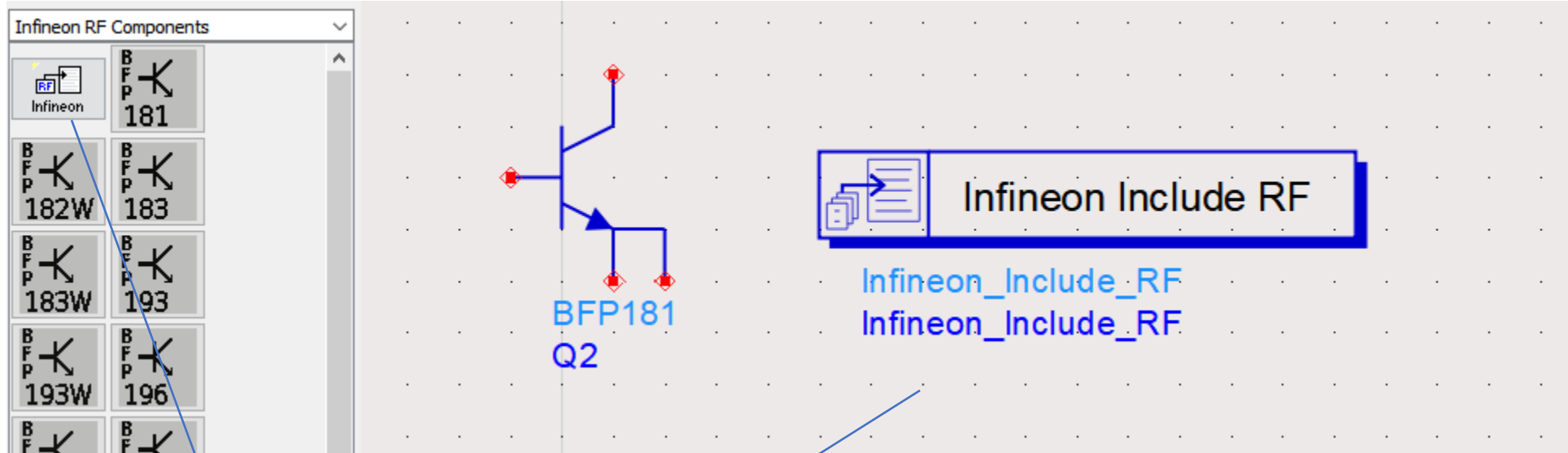
Extract the downloaded .zip file into a personal directory

Add library definition file

In your workspace go to
Design Kits> Manage Libraries



Device model



Make sure to add the Infineon include file