**Importing Wolfspeed symbols and models:**

1) Go to ‘https://www.wolfspeed.com/tools-and-support/power/ltspice-and-plecs-models/’.

2) Download the ‘All SPICE Models.zip’ file.

3) Unzip the downloaded file and navigate to the ‘Discretes’ folder for our MOSFET models or ‘Schottkys’ for our diode models.

4) Create a folder to store the WS model files. For example, ‘C:\Users\ExampleUser\WS\_LTspice\_Library\’.

5) Copy the .asy and .lib files into your desired directory (for MOSFETS, copy nmos\_TO247\_3L.asy and nmos\_TO247\_4L for 3 lead, and 4 lead devices (all 7 lead devices are also modeled as 4 lead devices) and for diodes every model has its own separate symbol).

6a) For LTspice version 24=> Open LTspice and go to Tools-> Settings-> Search Paths. Enter the desired path into both the symbol and library search paths (see figure below).

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Description automatically generated

6b) For LTspice version 17=> Open LTspice and go to Tools-> Control Panel-> Sym. & Lib. Search Paths. Enter the desired path into both the symbol and library search paths (see figure below).

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7) You may need to restart LTspice for these changes to take effect. Once completed, the symbol can be placed into any circuit by changing the drop-down arrow on the component symbol selection screen (see figure below).

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8) For MOSFETs, once the symbol is placed in the example simulation, right-click the symbol and change the Value field to your desired part number (see figure below).

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9) Once all the symbols are placed and named, use .lib command to include the subcircuit definitions of the model (see figure below).

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