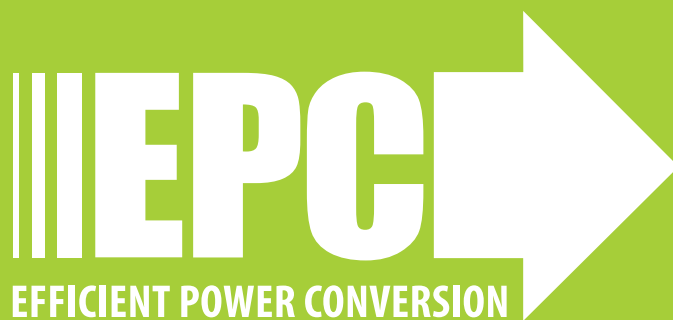


How to Install EPC's KiCad Libraries Quick Start Guide

User Instructions

Revision 1.0



EPC KiCad Library is for Version 7

Unzip the downloaded EPC KiCad library,;

EPC_KiCad_Libraries_2023_Q3a

HOW TO INSTALL EPC'S KICAD LIBRARIES

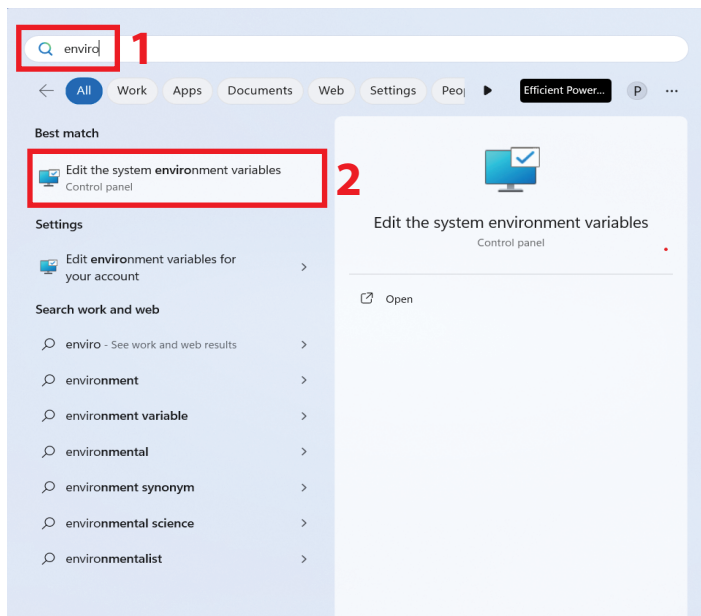
Note: EPC KiCad Library is for Version 7 of KiCad

Unzip the downloaded EPC KiCad library,;

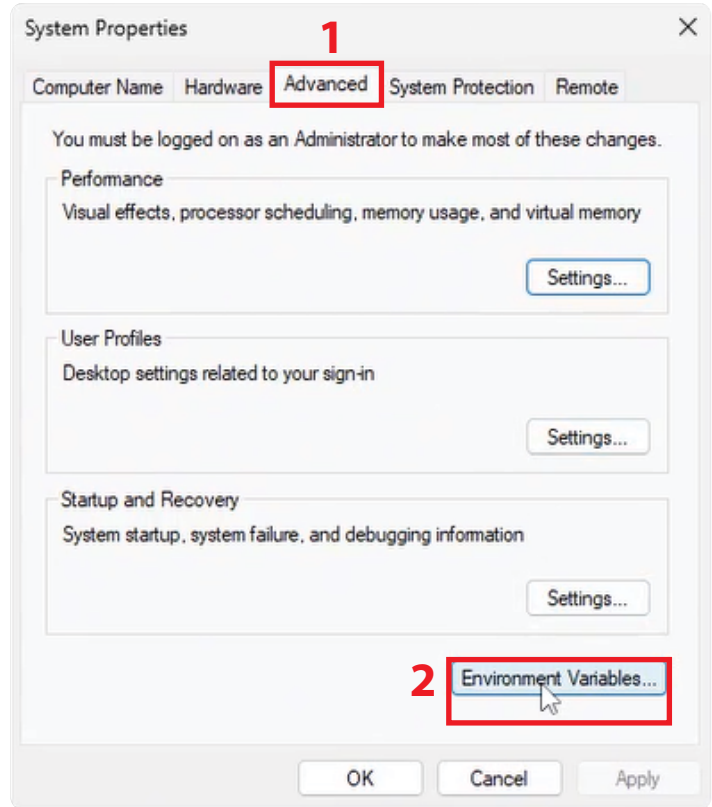
EPC_KiCad_Libraries_2023_Q3a

Make an environment variable

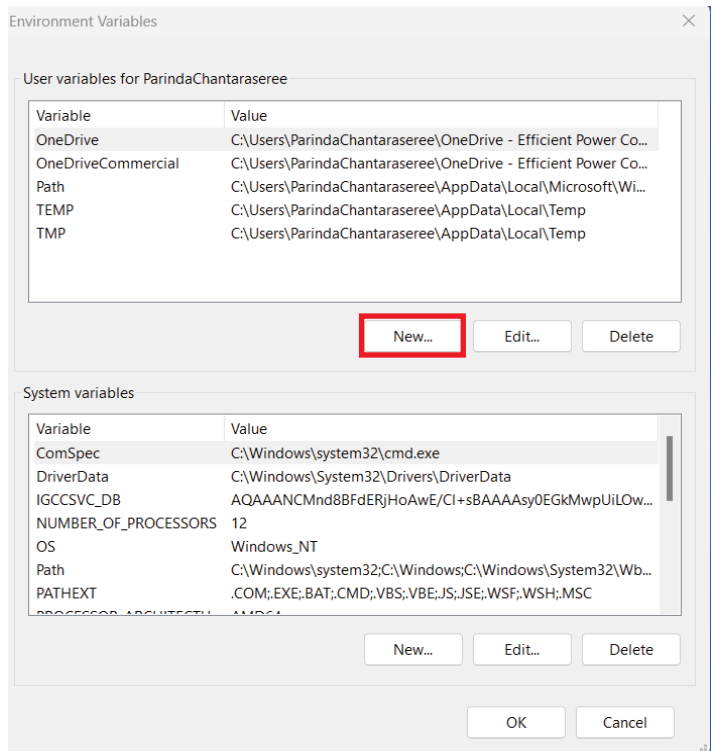
1. From the windows start menu, type **environment** in windows search bar (1) and select **Edit the system environment variables** (2).



2. Select **Advanced tab** (1) then select **Environment Variables** (2).

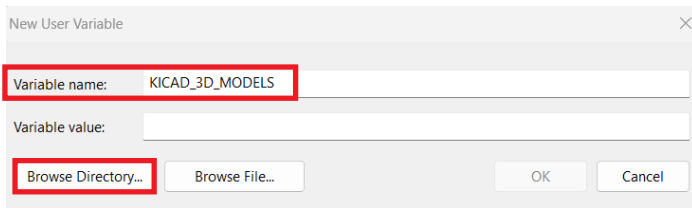


3. Click on **New**



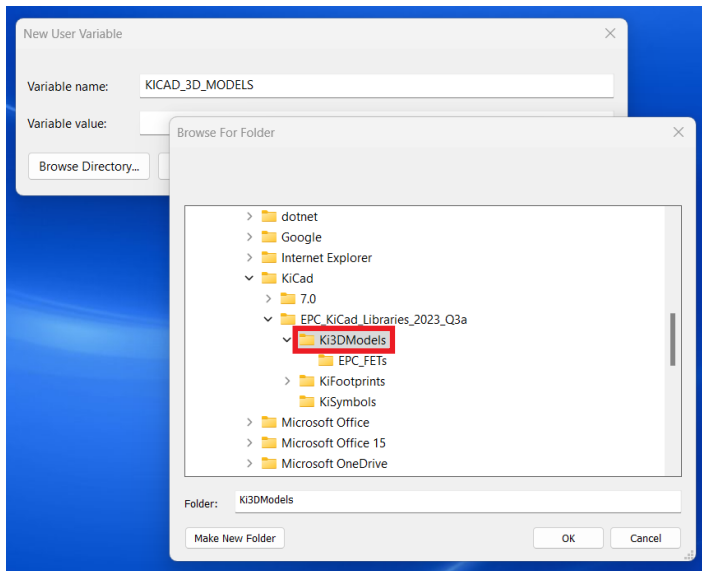
4. In **Variable name**, type in exactly (or copy from here), **KICAD_3D_MODELS**

5. Click on **Browse Directory**

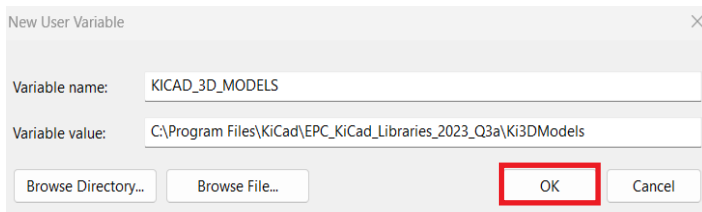


6. Navigate to **EPC_KiCad_Libraries_2023_Q3a** and select **Ki3DModels** folder

7. Click **OK**.



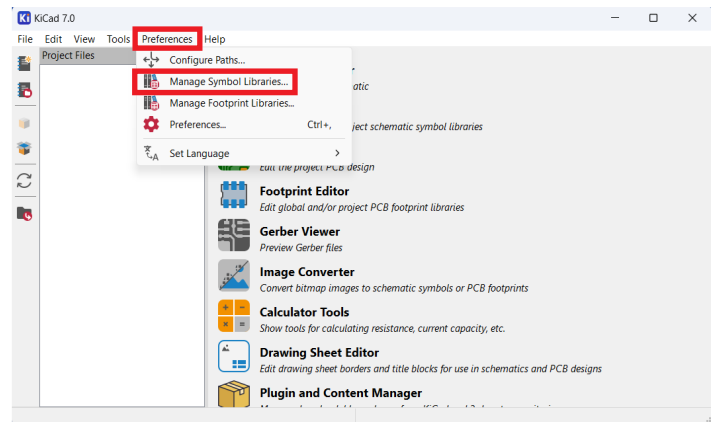
8. Click **OK**.



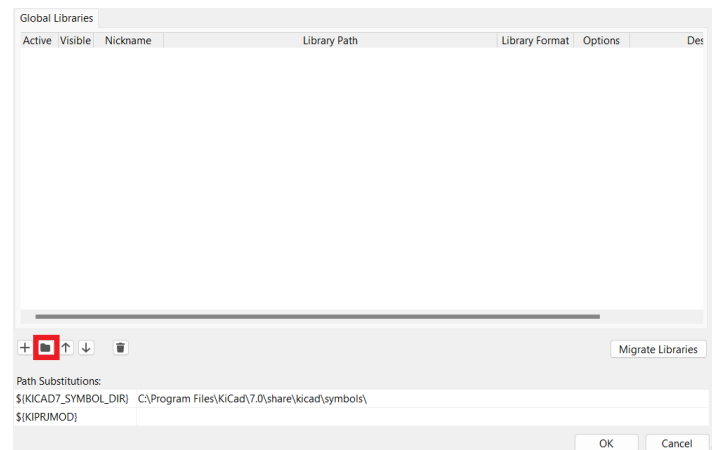
Adding EPC Symbols Library to KiCad

1. Open **KiCad 7.0**

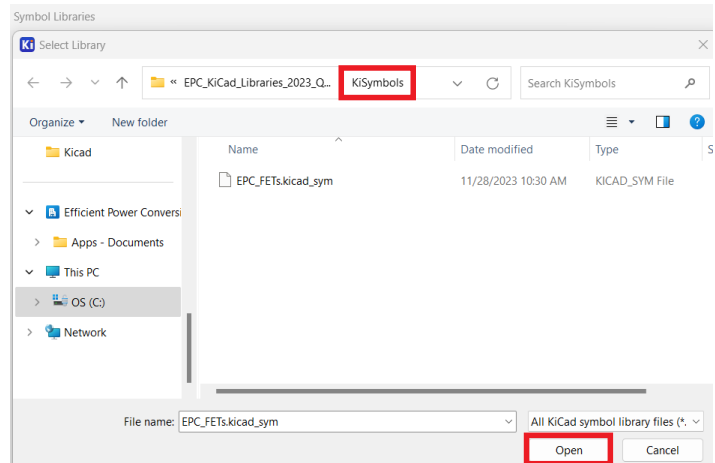
2. Under **Preferences** tab, click on **Manage Symbol Libraries**



3. In the lower left, click on **Add existing library to table** icon as shown below



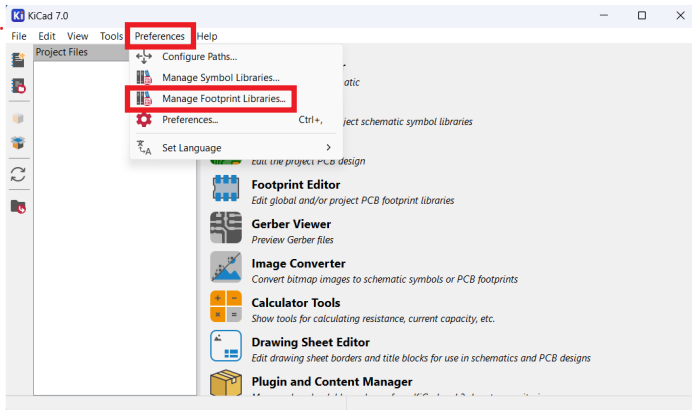
4. Navigate to **EPC_KiCad_Libraries_2023_Q3a** folder. Select **KiSymbols** folder, then **EPC_FETs.kicad_sym** file, and press **Open**.



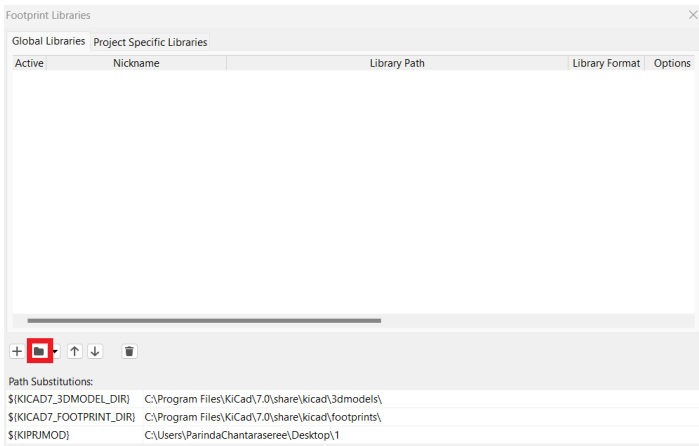
5. Click **OK**

Adding EPC Footprints Library to KiCad

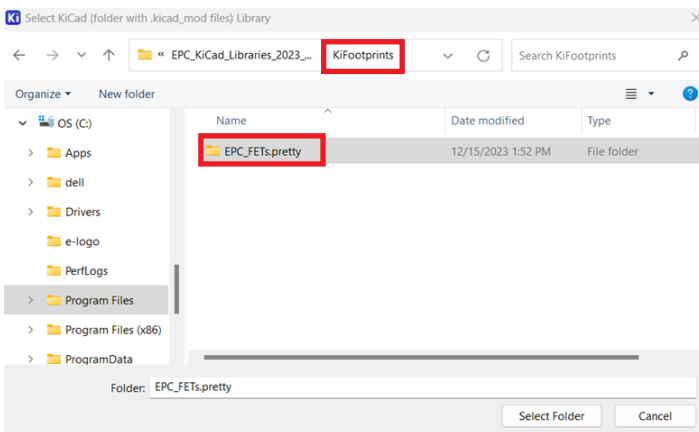
1. Under **Preferences** tab, click on **Manage Footprint Libraries**



2. In the lower left, click on **Add existing** icon as shown below



3. Navigate to **EPC_KiCad_Libraries_2023_Q3a** folder. Select **KiFootprints** folder, then **EPC_FETs.pretty** file, and click select folder.

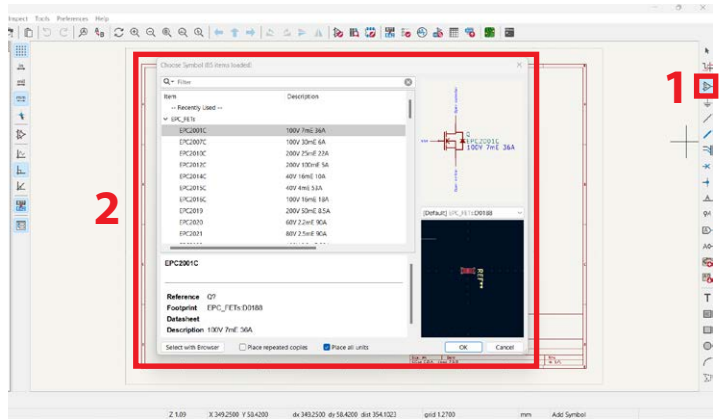


4. Click **OK**
5. Close **KiCad** program, then reopen **KiCad** program so changes will take effect.

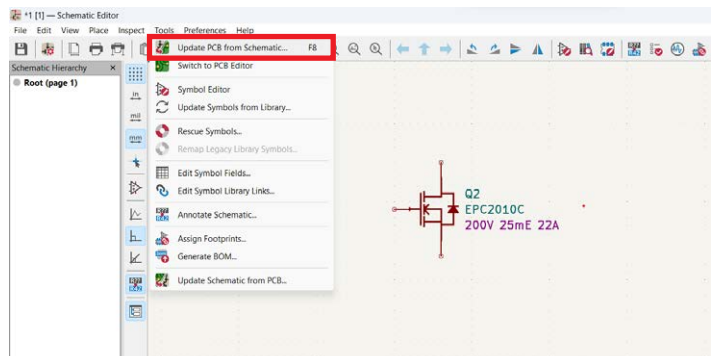
Using EPC Library

1. Open **KiCad 7.0**
2. Open **KiCad** schematic
3. Click on **Add a symbol** icon (1)

You should be able to see all the EPC symbols and footprints (2).



4. Select the part and place it on the schematic.
5. From the schematic editor, under **Tools** tab, select **Update PCB from Schematic**. The footprint will now be attached to your cursor place it on the pcb.



6. Alt-3 will open the 3D viewer and you will see the 3D body of the part.

For More Information:

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or your local sales representative

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