

## Chapter 5 - PDK Examination - TRAINING - Advanced

Course authors (Git file)



1. Open Klayout
2. Matchmaking a cell
3. Examining cell GDS
4. Logic function of the cell



# 1. Open Klayout

- Execute `klayout` in console shell.
- Klayout starts in viewer mode.
- Edit mode can be started with `klayout -e` but is not needed for this training.



# 1. Open Klayout

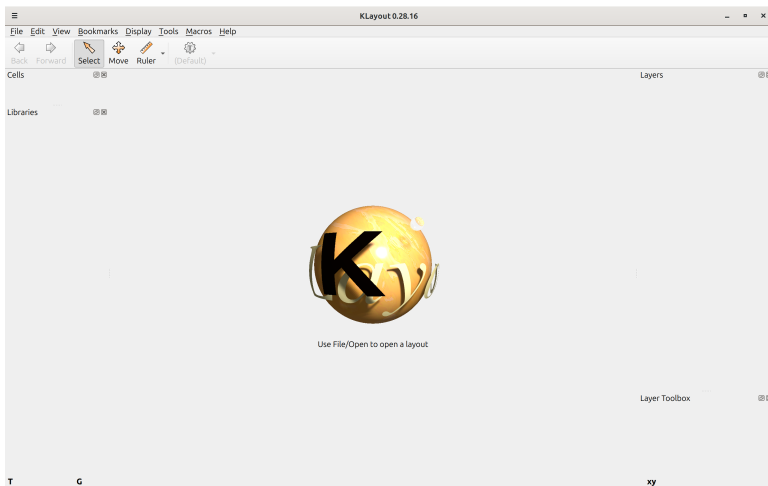


Figure 1: Start Klayout



## 2. Matchmaking a cell

- Here is a 3D rendering of a standard cell (Insert name? Or find name?)
- ToDo: Insert cell picture
- Can you identify the layers and their order from the cell?



## 2. Matchmaking a cell

ToDo.



## 3. Examining cell GDS

Todo. \* Search for the cell GDS and examine the layers and their order.



## 3. Examine cell GDS

Todo. - Picture of





## 4. Logic function of the cell

- Find the schematic of the cell.



## 4. Logic function of the cell

- Match the schematic and the logic function of the cell.

