

File Edit View Search Terminal Help

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/lib\$ ls -ltr

```
total 447344
-rwxr-xr-x 1 vsduser docker 12839325 Jun 28 2021 sky130_fd_sc_hd_tt_100C_1v80.lib
-rwxr-xr-x 1 vsduser docker 12840502 Jun 28 2021 sky130_fd_sc_hd_tt_025C_1v80.lib
-rwxr-xr-x 1 vsduser docker 12838573 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v76.lib
-rwxr-xr-x 1 vsduser docker 67865927 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v60.lib
-rwxr-xr-x 1 vsduser docker 67866428 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v60_ccsnoise.lib
-rwxr-xr-x 1 vsduser docker 12841363 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v44.lib
-rwxr-xr-x 1 vsduser docker 12844330 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v40.lib
-rwxr-xr-x 1 vsduser docker 12843147 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v35.lib
-rwxr-xr-x 1 vsduser docker 12837196 Jun 28 2021 sky130_fd_sc_hd_ss_n40C_1v28.lib
-rwxr-xr-x 1 vsduser docker 12844125 Jun 28 2021 sky130_fd_sc_hd_ss_100C_1v60.lib
-rwxr-xr-x 1 vsduser docker 12845948 Jun 28 2021 sky130_fd_sc_hd_ss_100C_1v40.lib
-rwxr-xr-x 1 vsduser docker 71255250 Jun 28 2021 sky130_fd_sc_hd_ff_n40C_1v95.lib
-rwxr-xr-x 1 vsduser docker 71255751 Jun 28 2021 sky130_fd_sc_hd_ff_n40C_1v95_ccsnoise.lib
-rwxr-xr-x 1 vsduser docker 12843851 Jun 28 2021 sky130_fd_sc_hd_ff_n40C_1v76.lib
-rwxr-xr-x 1 vsduser docker 12842973 Jun 28 2021 sky130_fd_sc_hd_ff_n40C_1v65.lib
-rwxr-xr-x 1 vsduser docker 12842102 Jun 28 2021 sky130_fd_sc_hd_ff_n40C_1v56.lib
-rwxr-xr-x 1 vsduser docker 12841550 Jun 28 2021 sky130_fd_sc_hd_ff_100C_1v95.lib
-rwxr-xr-x 1 vsduser docker 12840659 Jun 28 2021 sky130_fd_sc_hd_ff_100C_1v65.lib
```

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/lib\$ cd ../

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd\$ ls -ltr

```
total 88
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 verilog
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 techlef
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 spice
drwxr-xr-x 2 vsduser docker 28672 Jun 28 2021 maglef
drwxr-xr-x 2 vsduser docker 28672 Jun 28 2021 mag
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 lib
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 lef
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 gds
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 doc
drwxr-xr-x 2 vsduser docker 4096 Jun 28 2021 cdl
```

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd\$ cd lef

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/lef\$ ls -ltr

```
total 2212
-rwxr-xr-x 1 vsduser docker 1822 Jun 28 2021 sky130_ef_sc_hd_fill_12.lef
-rwxr-xr-x 1 vsduser docker 1453 Jun 28 2021 sky130_ef_sc_hd_fakediode_2.lef
-rwxr-xr-x 1 vsduser docker 1947 Jun 28 2021 sky130_ef_sc_hd_decap_12.lef
-rwxr-xr-x 1 vsduser docker 2252747 Jun 28 2021 sky130_fd_sc_hd.lef
```

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/lef\$ cd ../

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd\$ cd techlef/

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/techlef\$ ls -ltr

```
total 20
-rwxr-xr-x 1 vsduser docker 18007 Jun 28 2021 sky130_fd_sc_hd.tlef
```

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd/techlef\$ cd ../../../../

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir/pdks\$ cd ../

vsduser@vsdsquadron:~/Desktop/work/tools/openlane_working_dir\$