

10.0.0.22:5999 (vlsiguru4:12) - VNC Viewer

ApplicationsPlacesVi Improved

Sun 17:01

signoff.tcl + (~/.pd\_adv\_may25/orca\_top/pd/scripts) - GVIM11

FileEditToolsSyntaxBuffersWindowHelp

#STARRC : to generate accurate values we need spef file

#give the paths according to your directory in cbest.spef and cworst.spef files

#in ICC2 SHELL,write parasitics for both the corners

write\_parasitics -corner ss\_m40c -output /output/ss\_m40c.spef

write\_parasitics -corner ff\_125c -output /output/ff\_125c.spef

# PRIME TIME

# copy primetime directory from attul

cp -rf /home/attulsharma/PD\_ADV\_MAY25/ORCA\_TOP/PRIMETIME/ .

# delete all the input files

rm -rf \*

#copy the spef files from STARRC to this input folder

cp ../../STARRC/outputs/spef/\* .

#ICC2

#GENERATIONG OPTIMIZED NETLIST

write\_verilog ../PRIMETIME/inputs/routed\_netlist.v

#GENERATING SDC FILES

write\_sdc -scenario func.ff\_125c -output ../PRIMETIME/inputs/ff\_125.sdc

#now for ss scenario

write\_sdc -scenario func.ss\_m40c -output ../PRIMETIME/inputs/ss\_m40c.sdc

#in PRIMETIME INPUTS DIRECTORY AND COPY UPF FILE FROM PD/INPUTS

cp ../../pd/inputs/ORCA\_TOP.upf .

#READ PARASITICS

read\_parasitics /home/yeswan/pd\_adv\_may25/orca\_top/PRIMETIME/inputs/ORCA\_TOP.cworst.spef -keep\_capacitive\_coupling

#BE IN PRIME TIME DIRECTORY INVOKE THE PT

csh

source /home/tools/synopsys/cshrc\_synopsys

pt\_shell

#AFTER invoking the pt shell

source ./scripts/func\_max.tcl

exit

#AGAIN INVOKE PT SHELL USING

csh

source /home/tools/synopsys/cshrc\_synopsys

pt\_shell

#NOW SOURCE FUNC\_MIN.TCL

source ./scripts/func\_min.tcl

#NOW 2 SESSIONS ARE CREATED,NOW TO PERFORM DISTRIBUTED MULTI SCENARIO ANALYSIS (DMSA).

exit

-- INSERT --

3,53

Top

yeswan...IC Compl...upsiz...placeme...upsiz...insert\_b...insert\_b...func\_ma...flow.tcl (...bottle\_n...floorplan...cts.tcl + ...route\_fl...signoff.t...cbest\_sp...

27°C

Mostly cloudy

Search

2

2

V2

5:00 PM

8/31/2025



```
write_verilog ../PRIMETIME/inputs/routed_netlist.v
```

```
#GENERATING SDC FILES
```

```
write_sdc -scenario func.ff_125c -output ../PRIMETIME/inputs/ff_125.sdc
```

```
#now for ss scenario
```

```
write_sdc -scenario func.ss_m40c -output ../PRIMETIME/inputs/ss_m40c.sdc
```

```
#in PRIMETIME INPUTS DIRECTORY AND COPY UPF FILE FROM PD/INPUTS
```

```
cp ../../pd/inputs/ORCA_TOP.upf .
```

```
#READ PARASITICS
```

```
read_parasitics /home/yeswan/pd_adv_may25/orca_top/PRIMETIME/inputs/ORCA_TOP.cworst.spef -keep_capacitive_coupling
```

```
#BE IN PRIME TIME DIRECTORY INVOKE THE PT
```

```
cdh
```

```
source /home/tools/synopsys/cshrc_synopsys
```

```
pt_shell
```

```
#AFTER invoking the pt shell
```

```
source ./scripts/func_max.tcl
```

```
exit
```

```
#AGAIN INVOKE PT SHELL USING
```

```
cdh
```

```
source /home/tools/synopsys/cshrc_synopsys
```

```
pt_shell
```

```
#NOW SOURCE FUNC_MIN.TCL
```

```
source ./scripts/func_min.tcl
```

```
#NOW 2 SESSIONS ARE CREATED,NOW TO PERFORM DISTRIBUTED MULTI SCENARIO ANALYSIS (DMSA).
```

```
exit
```

```
#now invoke the pt shell using
```

```
cdh
```

```
source /home/tools/synopsys/cshrc_synopsys
```

```
pt_shell -multi_scenario
```

```
#after invoking pt shell source the dmsa script
```

```
source ./scripts/dmsa_flow.tcl
```

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~
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```

```
-- INSERT --
```

61,1

Bot

