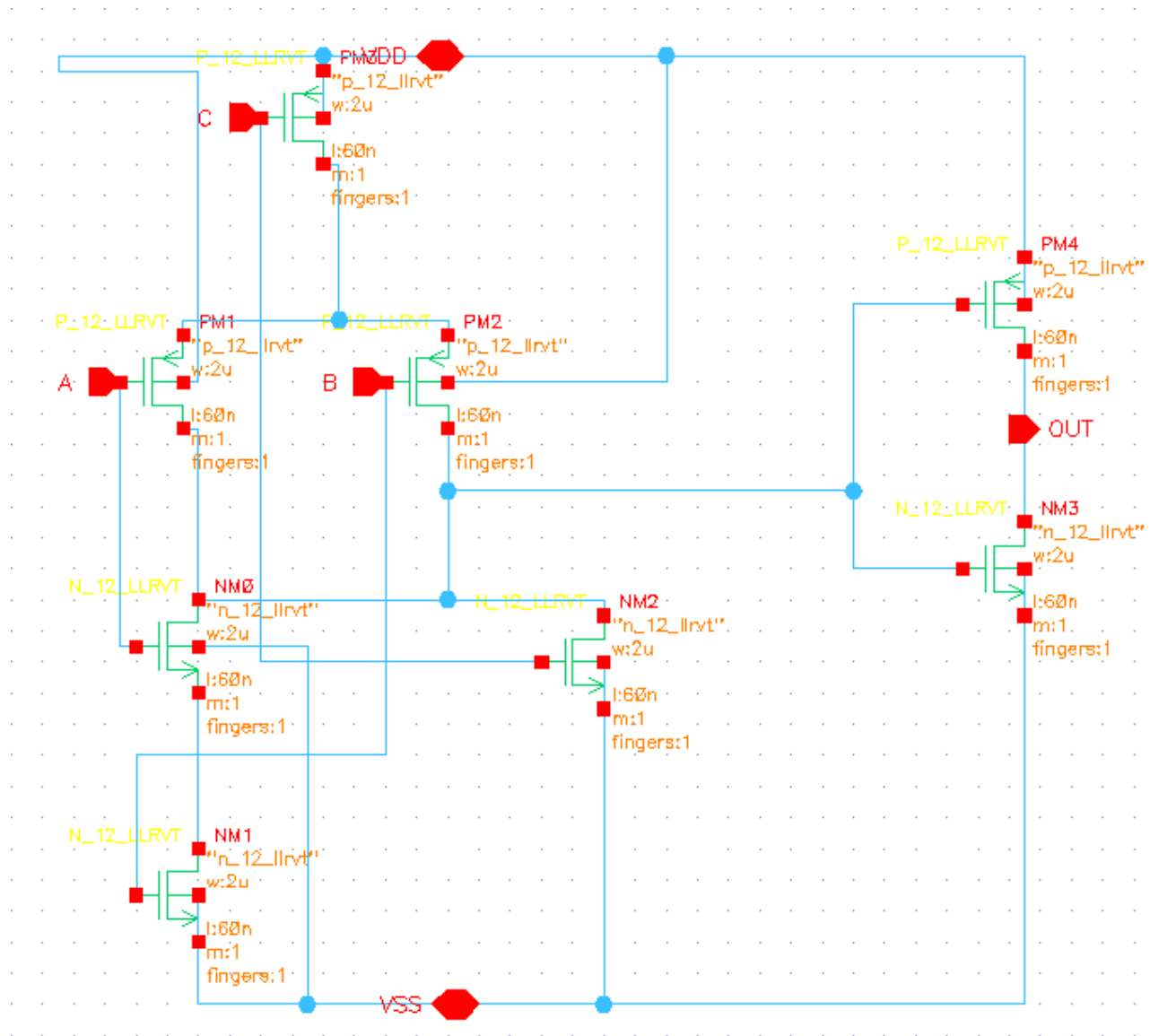
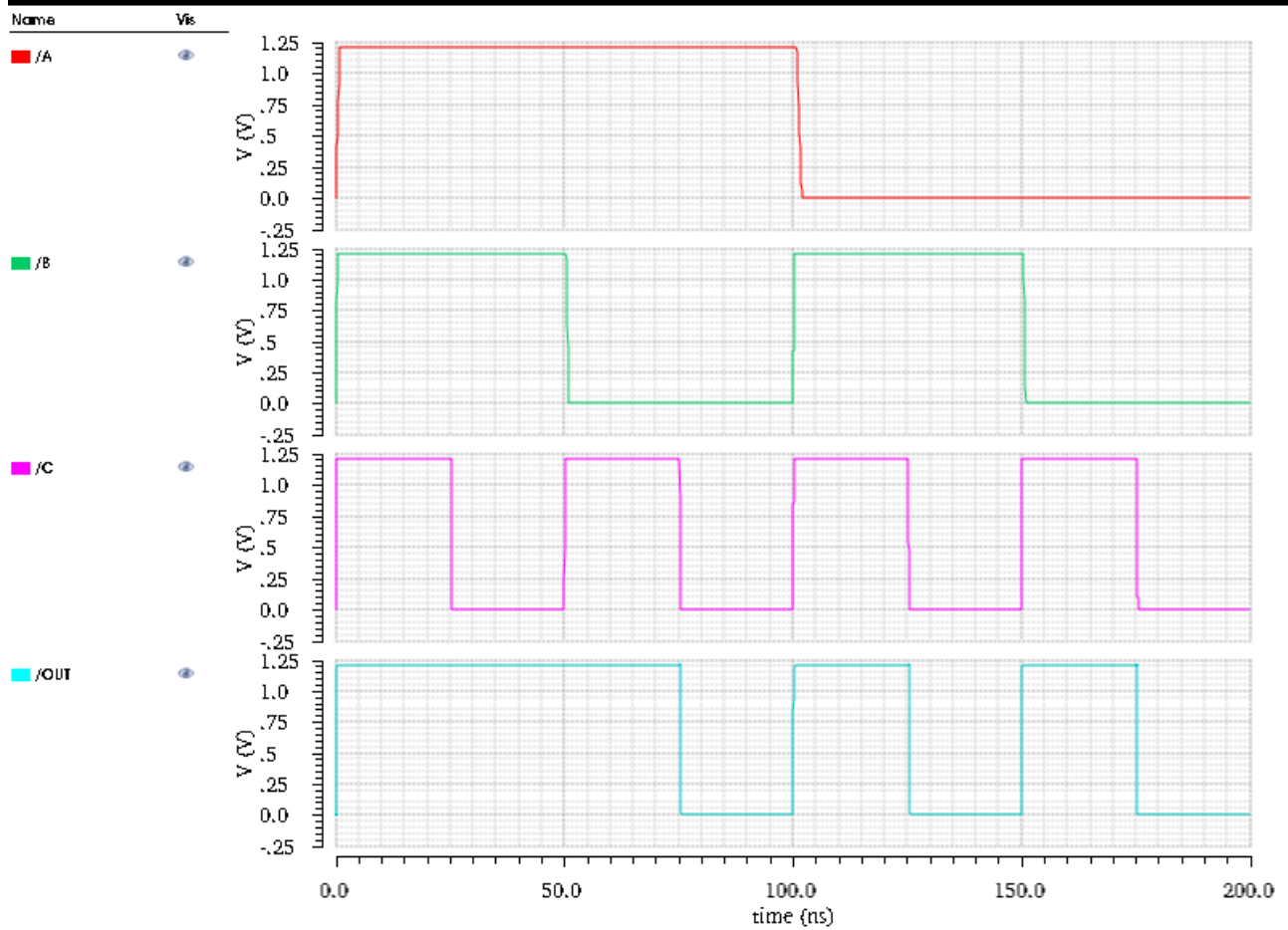
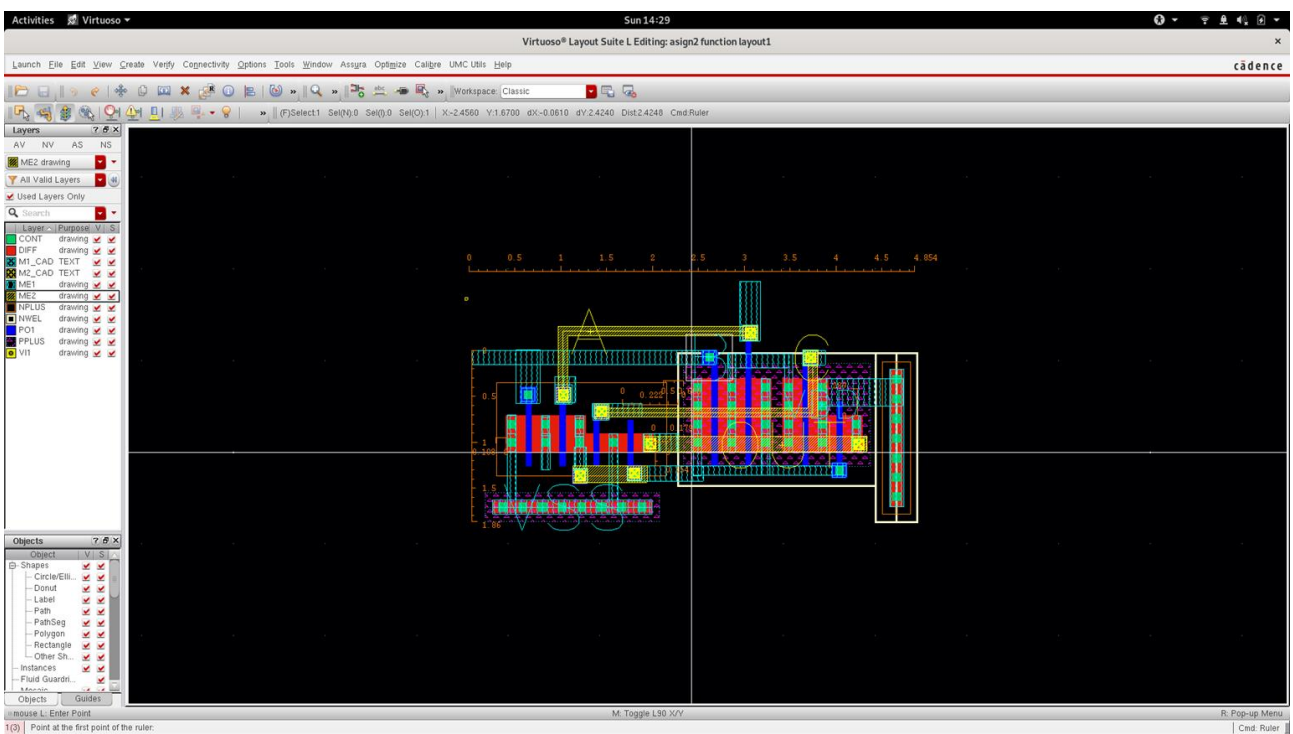
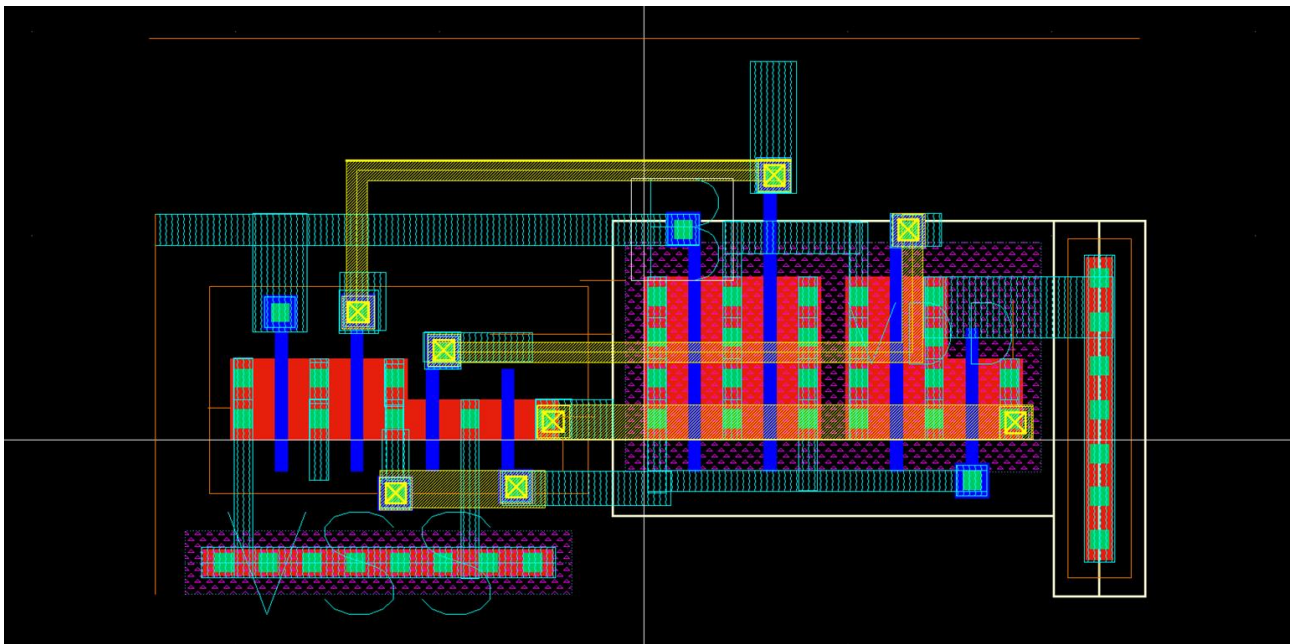


Name : M L SRIHARSHA ROLL NO : 2020EEN2501
Schematic



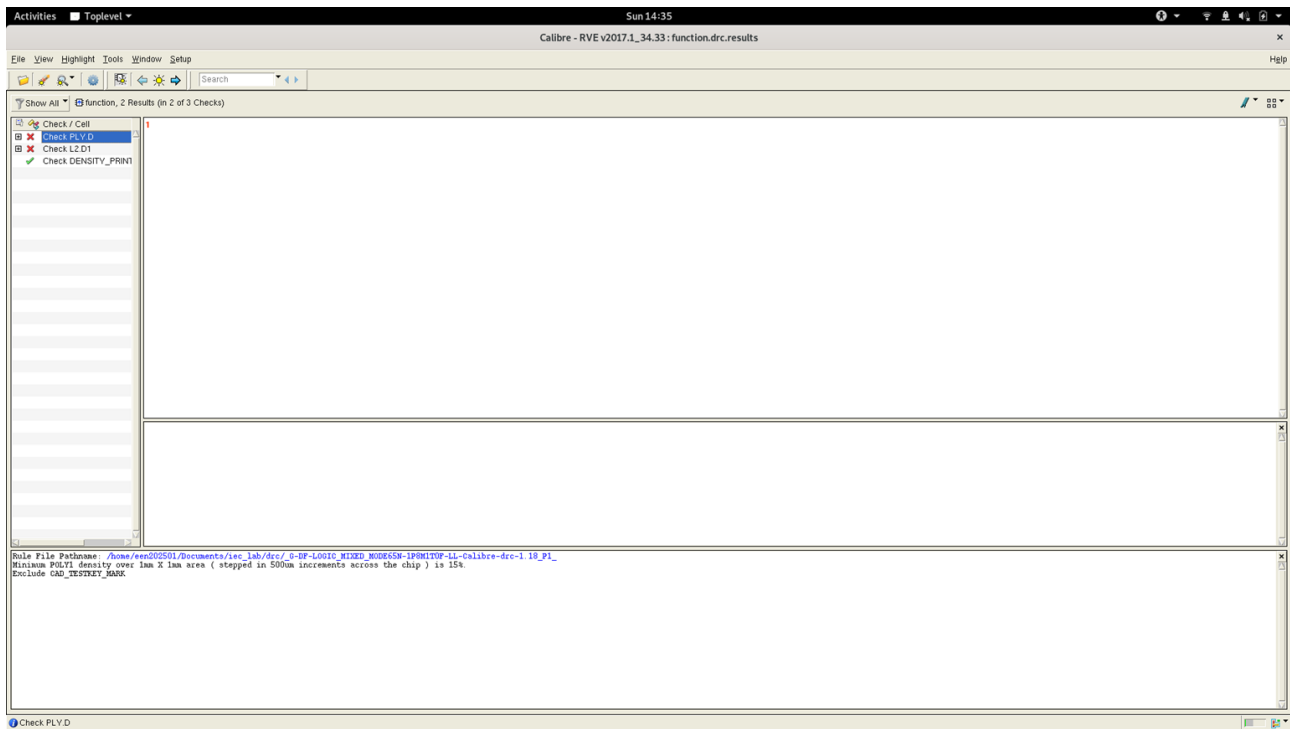
Transient Response



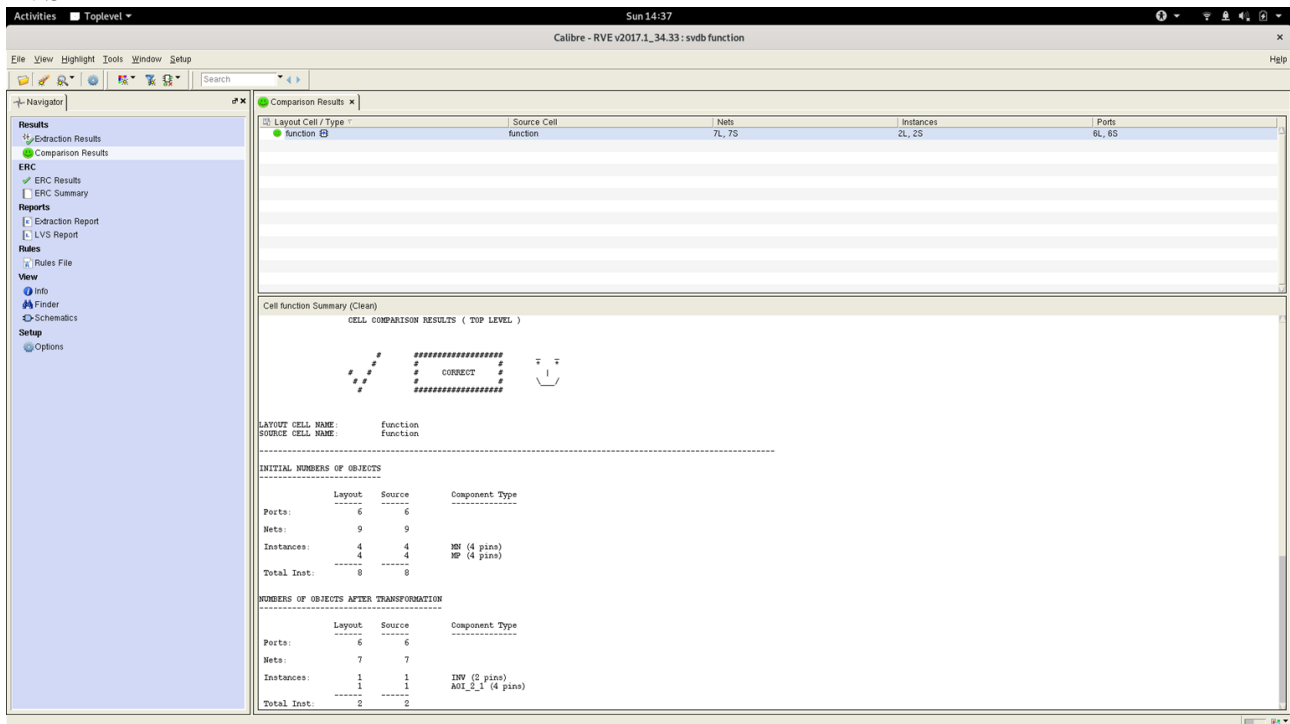


$$4.824 * 1.86$$

DRC



LVS



PEX

```
Activities FileViewer Sun 14:40
PEX Netlist File - function.pex.netlist

File Edit Options Windows

* File: function.pex.netlist
* Created: Sun Nov 22 14:40:09 2020
* Program "Calibre xrc"
* Version "v2017.1_34.33"
*
.include "function.pex.netlist.pex"
.subckt function B A C OUT VSS VDD
*
* VDD VDD
* VSS VSS
* OUT OUT
* C C
* A A
* B B
XMNM1 N noxref 6 MNM1 d N B MNM1 g N VSS MNM1 s N VSS MNM1 b N 12 LLRVT L=6e-08
+ W=4e-07 AD=6.2e-14 AS=8.8e-14 PD=7.1e-07 PS=1.24e-06 NRD=0 NRS=0 SA=2.2e-07
+ SB=8.21717e-07 SCA=1.54116 SCB=0.000239111 SCC=7.08084e-08
XMNM0 N NET010 MNM0 d N A MNM0 g N noxref 6 MNM0 s N VSS MNM1 b N 12 LLRVT
+ L=6e-08 W=4e-07 AD=7.06667e-14 AS=6.2e-14 PD=9.46667e-07 PS=7.1e-07 NRD=0
+ NRS=0 SA=5.9e-07 SB=3.69194e-07 SCA=2.56259 SCB=0.00117456 SCC=2.2115e-06
XMNM2 N NET010 MNM2 d N C MNM2 g N VSS MNM2 s N VSS MNM1 b N 12 LLRVT L=6e-08
+ W=2e-07 AD=3.53333e-14 AS=3.1e-14 PD=4.73333e-07 PS=5.1e-07 NRD=0 NRS=0
+ SA=9.6e-07 SB=5.9e-07 SCA=5.11968 SCB=0.00526855 SCC=6.30571e-05
XMNM3 N OUT MNM3 d N NET010 MNM3 g N VSS MNM3 s N VSS MNM1 b N 12 LLRVT L=6e-08
+ W=2e-07 AD=4.4e-14 AS=3.1e-14 PD=8.4e-07 PS=5.1e-07 NRD=0 NRS=0 SA=1.33e-06
+ SB=2.2e-07 SCA=15.0454 SCB=0.0195064 SCC=0.001483
XMPM2 N NET010 MPM2 d N B MPM2 g N noxref 8 MPM2 s N VDD MPM2 b P 12 LLRVT
+ L=6e-08 W=8e-07 AD=1.76e-13 AS=1.24e-13 PD=2.04e-06 PS=1.11e-06 NRD=0 NRS=0
+ SA=2.2e-07 SB=5.9e-07 SCA=48.7312 SCB=0.0520688 SCC=0.00591293
XMPM1 N NET010 MPM1 d N A MPM1 g N noxref 8 MPM1 s N VDD MPM2 b P 12 LLRVT
+ L=6e-08 W=8e-07 AD=1.76e-13 AS=1.24e-13 PD=2.04e-06 PS=1.11e-06 NRD=0 NRS=0
+ SA=5.9e-07 SB=2.2e-07 SCA=30.7092 SCB=0.033285 SCC=0.00239862
XMPM3 N noxref 8 MPM3 d N C MPM3 g N VDD MPM3 s N VDD MPM2 b P 12 LLRVT L=6e-08
+ W=8e-07 AD=1.76e-13 AS=1.43333e-13 PD=2.04e-06 PS=1.48e-06 NRD=0 NRS=0
+ SA=2.2e-07 SB=3.26322e-07 SCA=27.531 SCB=0.0270239 SCC=0.00222608
XMPM4 N OUT MPM4 d N NET010 MPM4 g N VDD MPM4 s N VDD MPM2 b P 12 LLRVT L=6e-08
+ W=4e-07 AD=8.8e-14 AS=7.06667e-14 PD=1.24e-06 PS=7.4e-07 NRD=0 NRS=0
+ SA=5.9e-07 SB=2.2e-07 SCA=26.3874 SCB=0.0294624 SCC=0.00160103
*
.include "function.pex.netlist.FUNCTION.pxi"
*
.ends
*
```