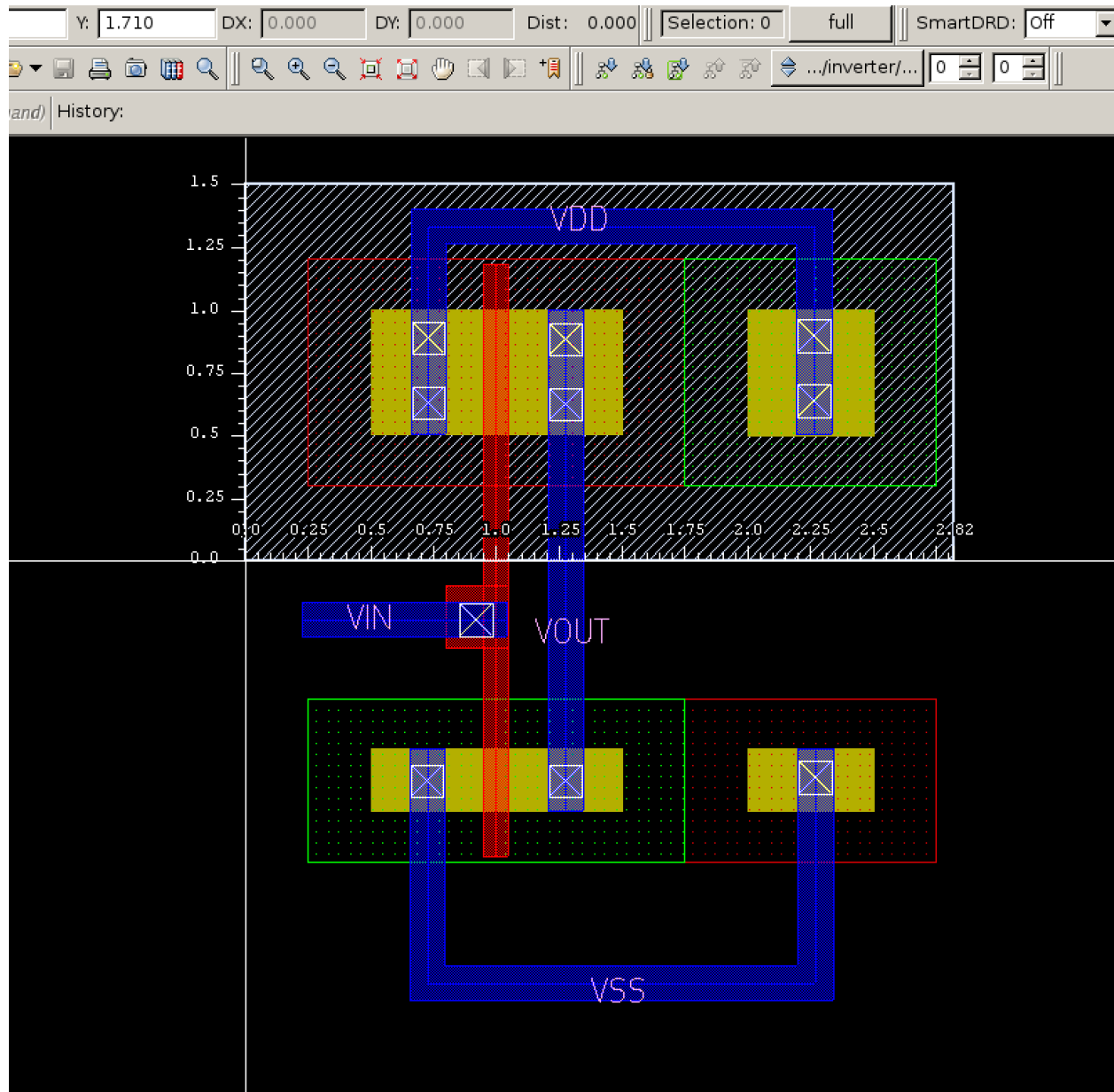


Chandler Bottomley
Session 21
Cbottomley
Cbott001

In this lab we learned about how to make a layout. We also learned how to create a nand layout and schematic.



RESULTS: CLEAN

```
#### # ##### ### # #
# # # # # ## #
# # ##### ##### # # #
# # # # # # ##
#### ##### ##### # # # #
```

ICV Execution

IC Validator

Version 0-2018.12-SP2-9 for linux64 - Nov 08, 2019 cl#5147677

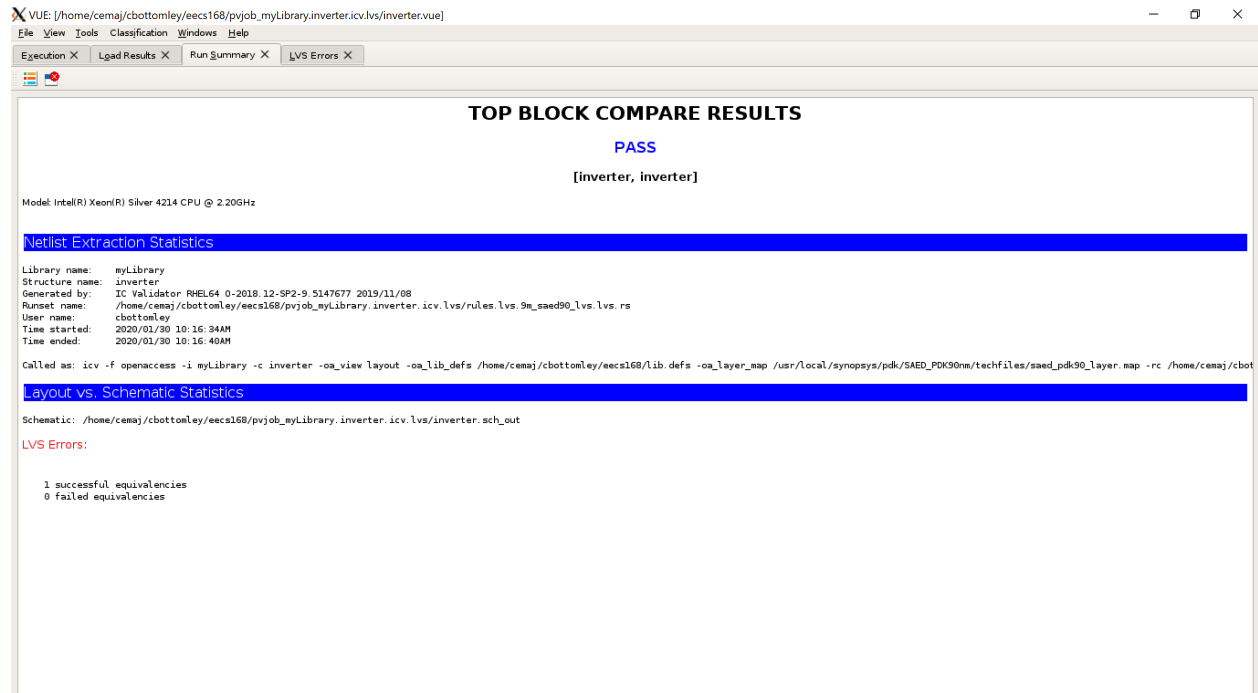
Copyright (c) 1996 - 2019 Synopsys, Inc.

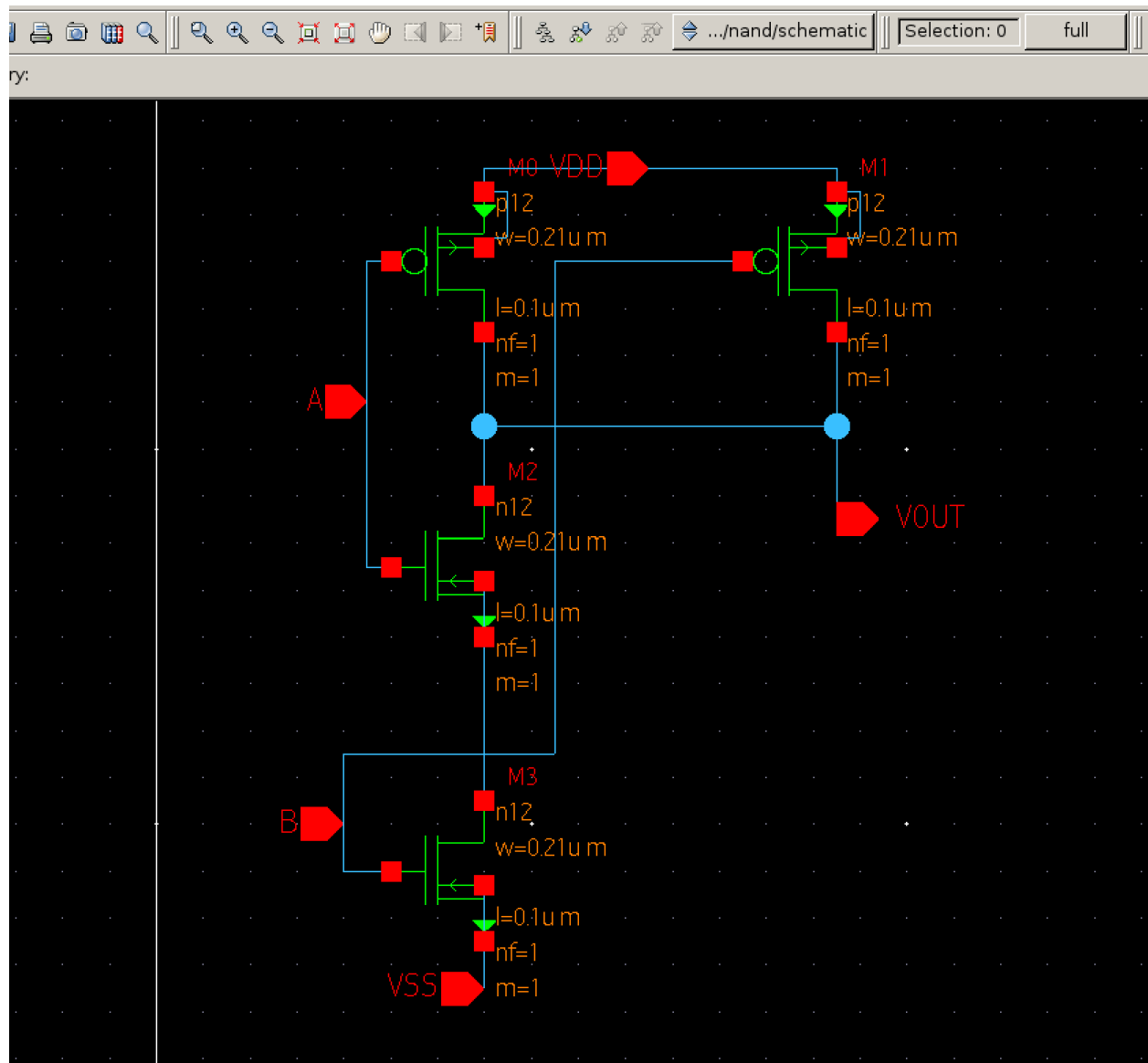
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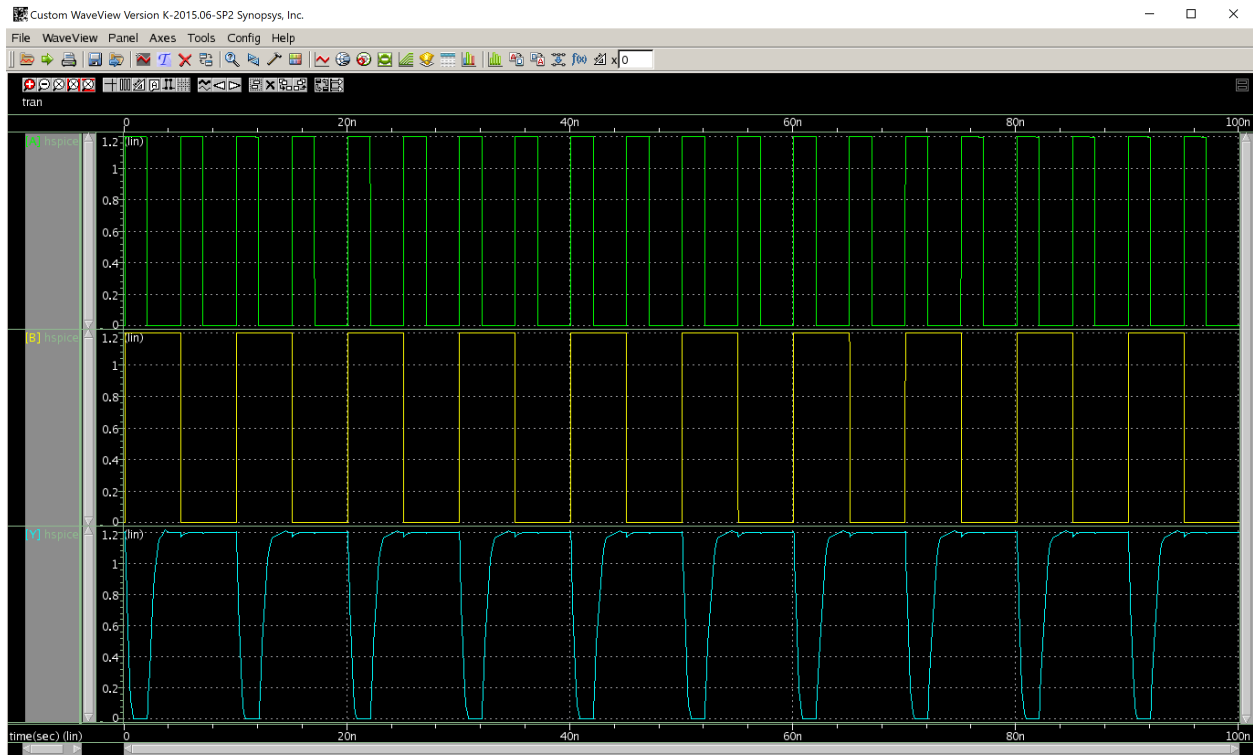
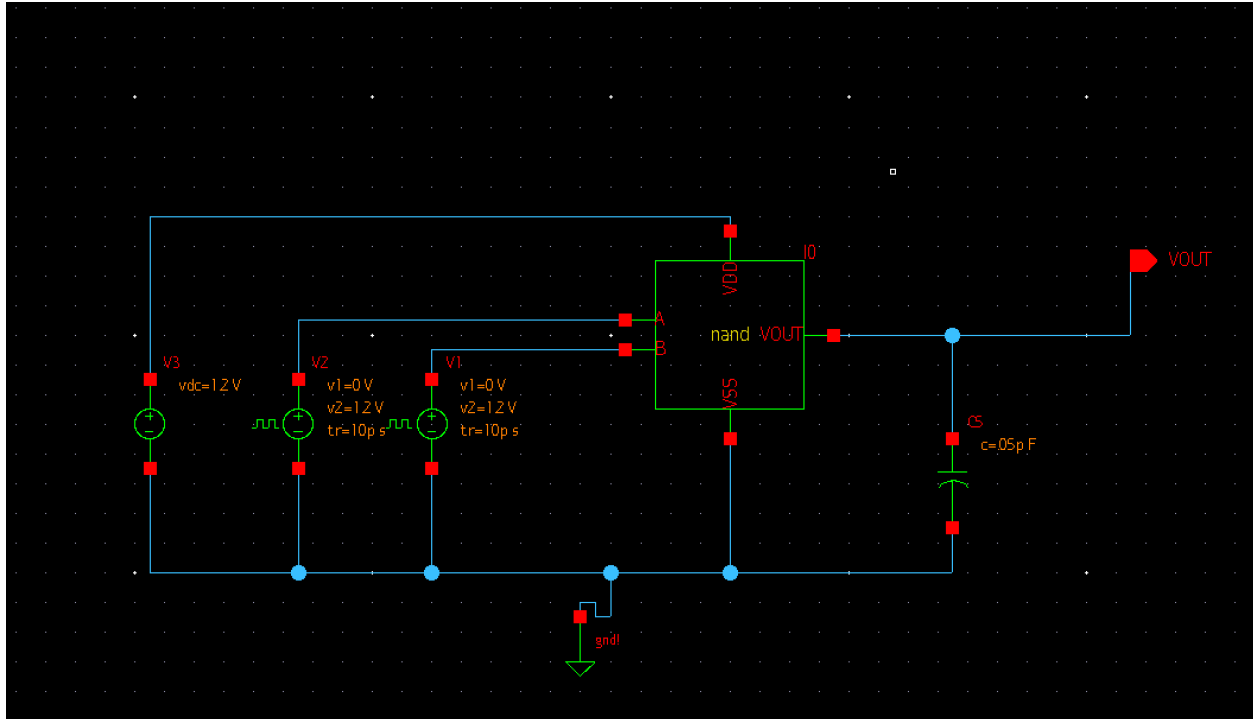
Called as: icv -f openaccess -i myLibrary -c inverter -oa_view layout -oa_lib_defs /home/cemaj/cyer_map /usr/local/synopsys/pdk/SAED_PDK90nm/techfiles/saed_pdk90_layer.map -rc /home/cemaj/cbottomley.inverter.icv.drc/inverter.drc.cdesigner.rc -vue /home/cemaj/cbottomley/eecs168/pvjob_myLibrary.inv_icv.drc.rs

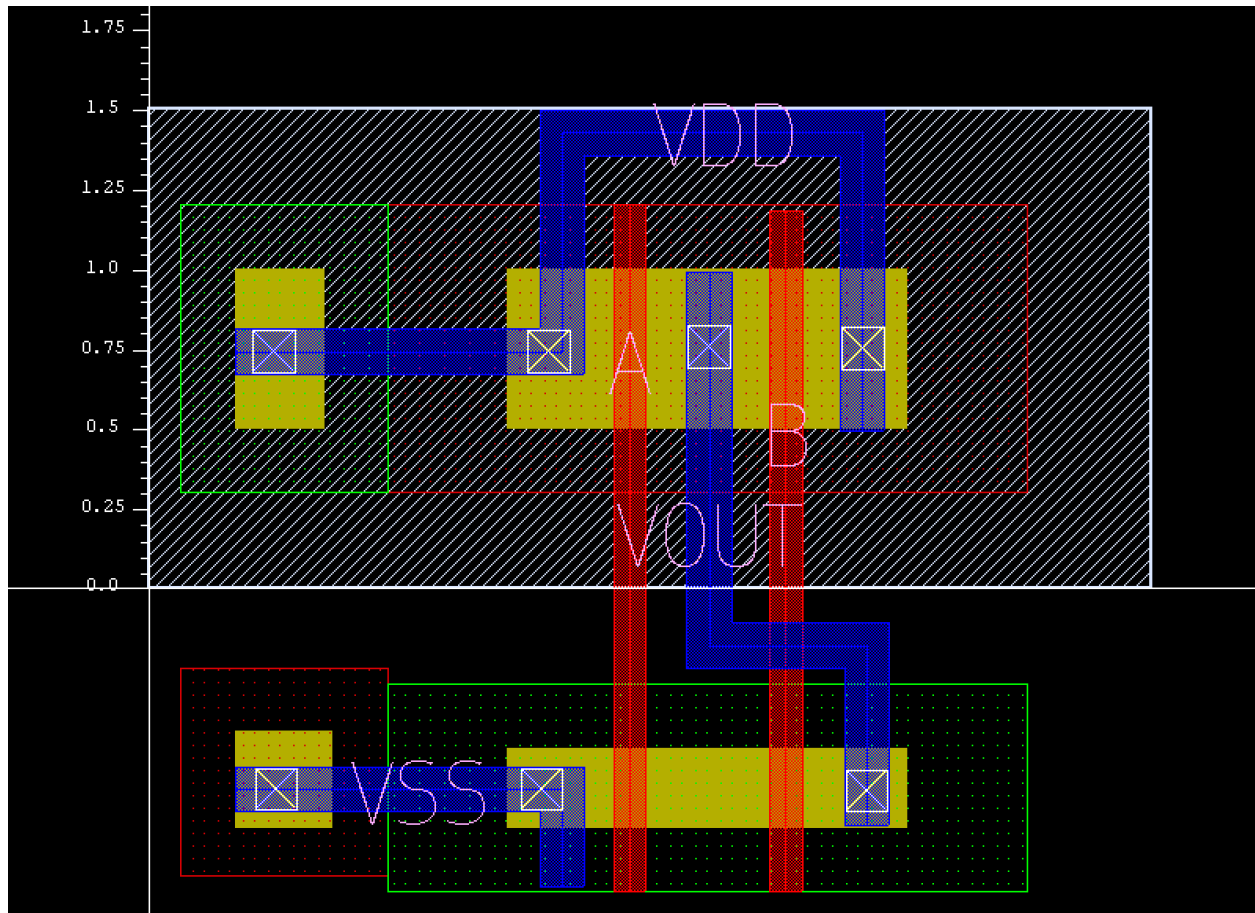
User name: cbottomley
Layout format: OPENACCESS
Input file name: myLibrary
Top cell name: inverter
Time started: 2020/01/31 10:41:54AM
Time ended: 2020/01/31 10:42:01AM

Find:









XVUE: [/home/cemaj/cbottomley/eecs168/pvjob_myLibrary.nand.icv.drc/nand.vue]

File View Tools Classification Windows Help

Execution X Load Results X Run Summary X

LAYOUT ERRORS RESULTS

CLEAN

Model: Intel(R) Xeon(R) Silver 4214 CPU @ 2.20GHz

DRC Error Statistics

Library name: myLibrary
Structure name: nand
Generated by: IC Validator RHEL64 0-2018.12-SP2-9.5147677 2019/11/08
Runset name: /home/cemaj/cbottomley/eecs168/pvjob_myLibrary.nand.icv.drc/rules.drc.9m_saed90.icv.drc.rs
User name: cbottomley
Time started: 2020/01/31 10:48:34AM
Time ended: 2020/01/31 10:48:37AM

Called as: icv -f openaccess -i myLibrary -c nand -oa_view layout -oa_lib_defs /home/cemaj/cbottomley/eecs168/lib.defs -oa_layer_map /usr/local/synopsys/pdk/SAED_PDK90nm/techfiles/saed_pdk90_layer.map -rc /home/cemaj/cbottom



TOP BLOCK COMPARE RESULTS

PASS

[inverter, inverter]

Model: Intel(R) Xeon(R) Silver 4214 CPU @ 2.20GHz

Netlist Extraction Statistics

Library name: myLibrary
Structure name: inverter
Generated by: IC Validator RHEL64 0-2018.12-SP2-9.5147677 2019/11/08
Runset name: /home/cemaj/cbottomley/eecs168/pvjob_myLibrary.inverter.icv.lvs.rules.lvs.9m_saed90.lvs.lvs.rs
User name: cbottomley
Time started: 2020/01/31 11:34:03PM
Time ended: 2020/01/31 11:34:07PM

Called as: icv -f openaccess -i myLibrary -c inverter -oa_view layout -oa_lib_defs /home/cemaj/cbottomley/eecs168/lib.defs -oa_layer_map /usr/local/synopsys/pdk/SAED_PDK90nm/techfiles/saed_pdk