

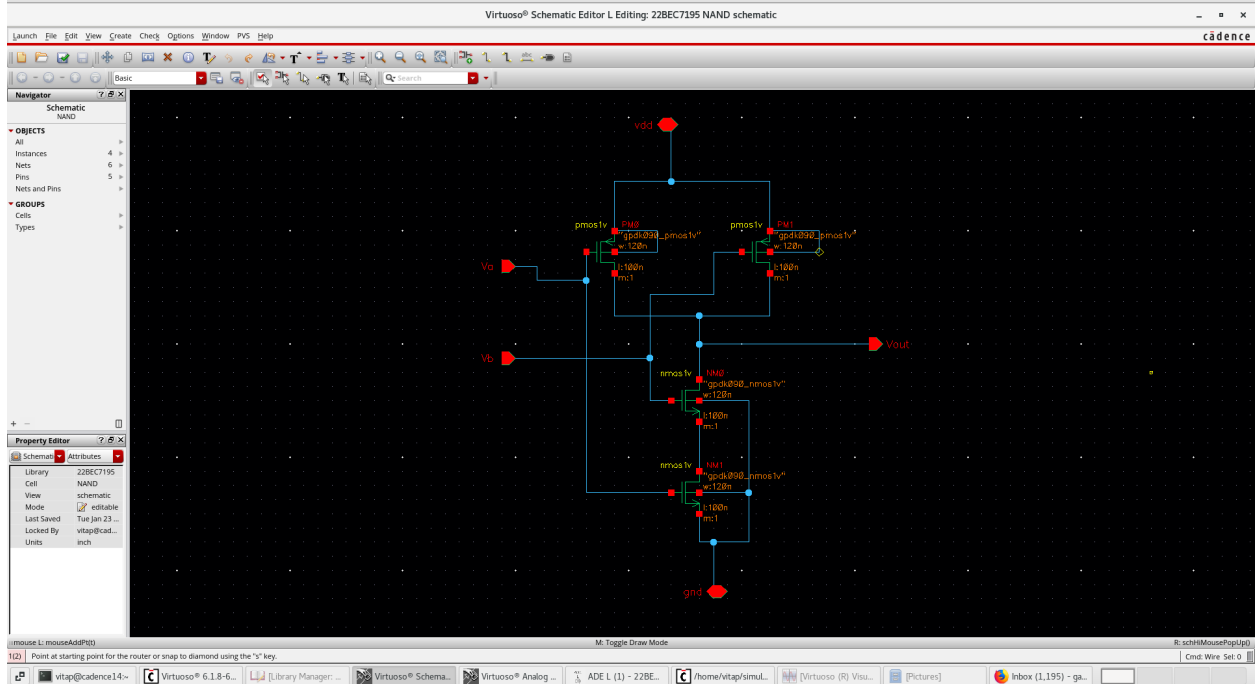
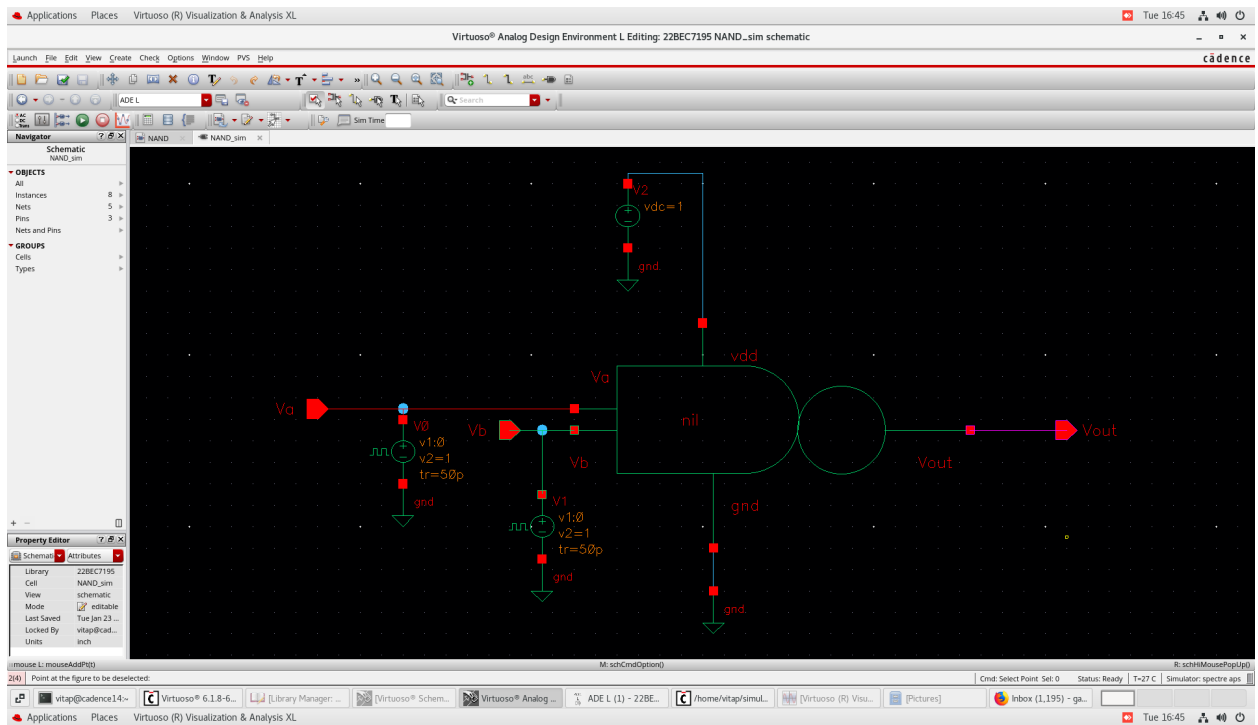
# Project-2

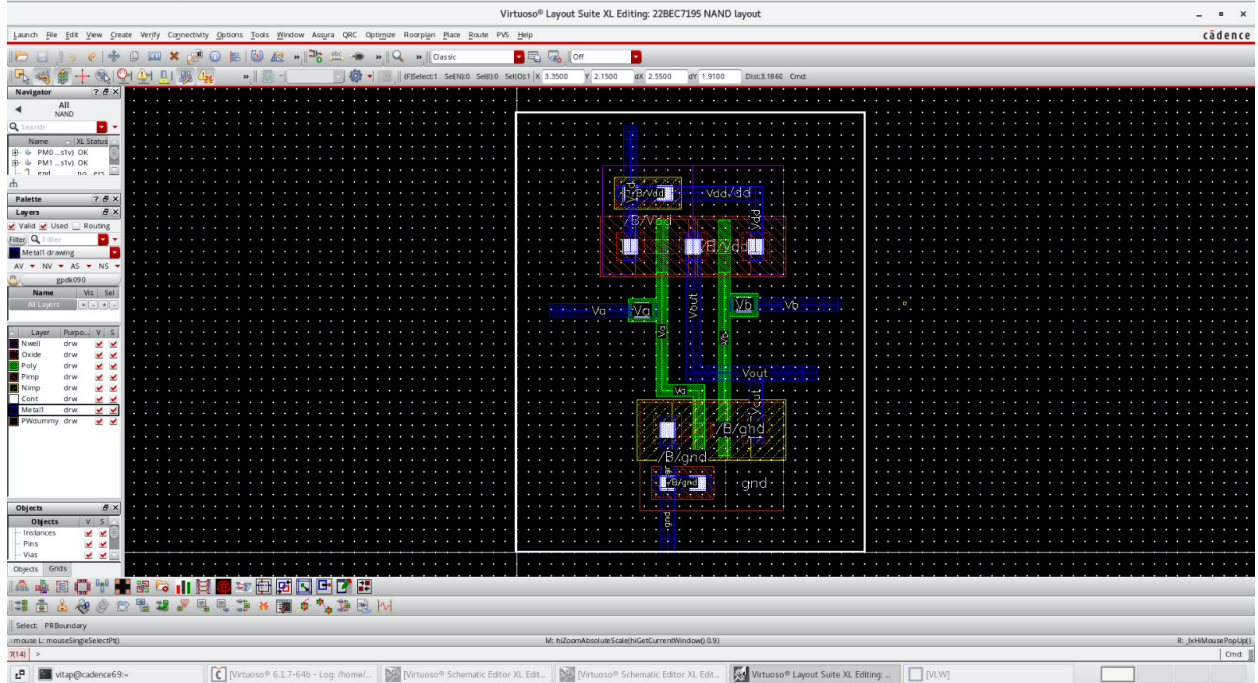
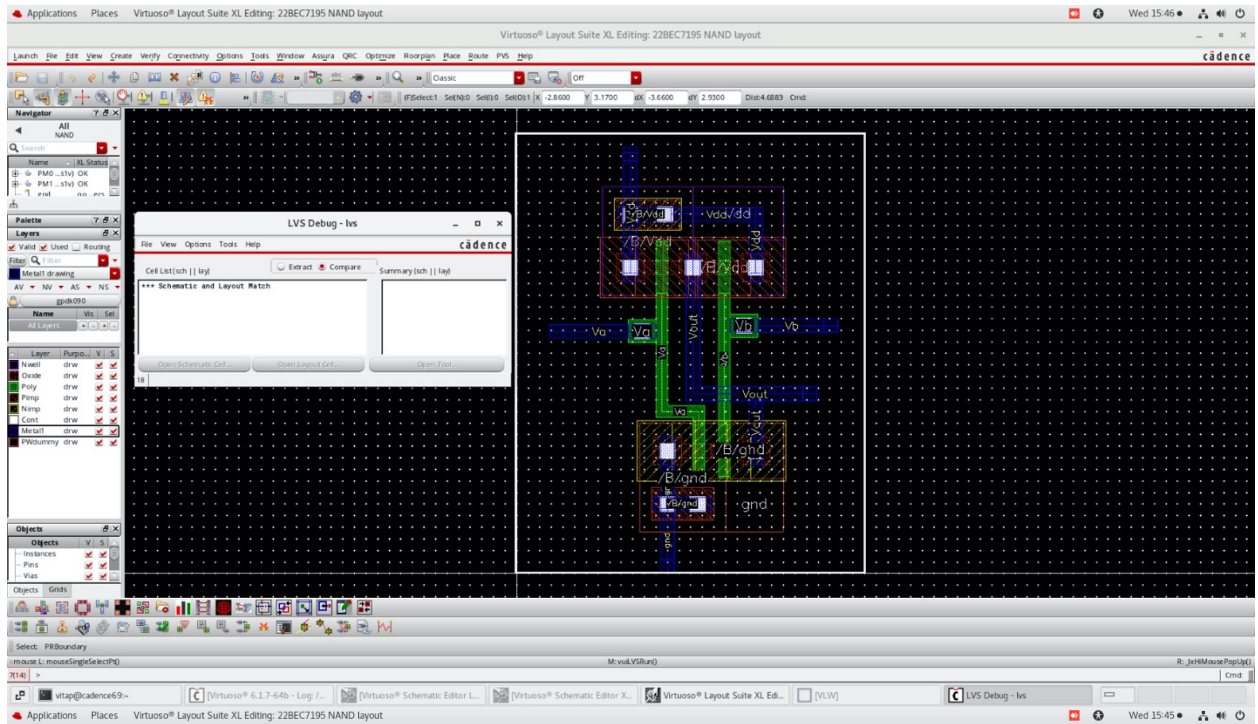
**NAND Gate**

**using**

**gpdk90nm**

**Technology**





Virtuoso® Layout Suite XL Editing: 22BEC7195 NAND layout

Virtuoso® Layout Suite XL Editing: 22BEC7195 NAND layout

Launch File Edit View Create Verify Connectivity Options Tools Window Assign QRC Optimize Reroutin Place Route PVS Help

Classic Off

#Select1 SetNid0 SetD0 1.3600 Y 1.8100 BX 0.5600 BY 1.5700 Dist:1.6669 Cnd

Navigator

All NAND

Search

Name XL Gnd

PM0...stvl OK

PM1...stvl OK

inst

Palette

Layers

✓ Yield Used Routing

File Q

Metall drawing

AV NV AS NS

Name Vis Set

Layer Purpose VLS

Nwell drw ✓

Oxide drw ✓

Poly drw ✓

Pimp drw ✓

Nimp drw ✓

Cont drw ✓

Metall drw ✓

PWbunny drw ✓

Objects

Objects VLS

Instances ✓

Pins ✓

Vias ✓

Objects Grids

Select: PBoundary

Mouse X: mouseSingleSelect(Pe)

M: vuDRGRunD

R: jstHMousePopUpK

Cnd

Applications Places Add Instance

Virtuoso (R) Visualization & Analysis XL calculator

File Tools View Options Constants Help

In Context Results DB: /home/vtapsimulation/NAND\_sim/pedre/schematic/gst

vt vf vdc vs os cp ot mp vn rp vsier tp zm

it if idc is opt var vn2 rp yp gd data

Off Family Wave Clip Append Rectangular

Key P... 17.656.12

Stack

delay(wr1 VTE/wr1's value1 0.5, tedge1 "rising", tris1 1.781 0.0, ttail nls, twd VTE/wr1's value2 0.5, tedge2 "falling", tris2 1.782 nls, ttail nls, ttailp nls, ttailp nls)

VTE/wr1

VTE/wr1's value1

VTE/wr1's value2

VTE/wr1's value1

VTE/wr1's value2

VTE/wr1's value1

VTE/wr1's value2

Function Panel

Special Functions

delay

delayMeasure

deriv

groupDelay

probdev

prodev

stdev

Function Panel Expression Editor

Successful evaluation.

Applications Places

Virtuoso® 6.1.7-64b - Log f...

Virtuoso® Schematic Editor X...

Virtuoso® Layout Suite XL Ed...

[VLW]

Applications Places Add Instance

Virtuoso® 6.1.7-64b - Lo...

Virtuoso® Schematic Edit...

Virtuoso® Analog Design...

ADE L (1) - 22BEC7195...

/home/vtapsimulation/...

Virtuoso (R) Visualization...

Virtuoso (R) Visualization...

