

Virtuoso® Schematic Editor L Editing: exp1 CMOS_Inverter_Schematic schematic@cadence-saveetha-in

Launch File Edit View Create Check Options Window PVS Help

Basic

Navigator

Schematic
CMOS_Inverter_Schematic

OBJECTS

- All
- Instances 2
- Nets 4
- Pins 4
- Nets and Pins

GROUPS

Property Editor

Schematic Attributes

Library	exp1
Cell	CMOS_Inve...
View	schematic
Mode	editable
Last Saved	Sat Aug 31 ...
Locked By	student@c...
Units	inch

The schematic diagram shows a CMOS inverter circuit. It consists of a PMOS transistor (pmos1v) and an NMOS transistor (nmos1v) connected in series. The PMOS transistor has a gate width of 45p1v and a gate length of 120n. The NMOS transistor has a gate width of 45n and a gate length of 120n. The input of the PMOS transistor is connected to the input pin (Vin), and the input of the NMOS transistor is connected to the output pin (Vout). The output of the PMOS transistor is connected to the output pin (Vout), and the output of the NMOS transistor is connected to the ground pin (GND). The circuit is powered by a VDD supply and connected to ground (GND).

mouse L: mouseAddPt(t) M: Toggle Draw Mode R: schHiMousePopUp()

1(2) Point at starting point for the router or snap to diamond using the "s" key. Cmd: Wire Sel: 0

90° Search ENG IN 15:52 31-08-2024

Virtuoso® Symbol Editor L Editing: exp1 CMOS_Inverter_Schematic symbol@cadence- saveetha-in

Launch File Edit View Create Check Options Window Help

Basic

Navigator

Symbol
CMOS_Inverter_Schematic

OBJECTS

- All
- Instances
- Nets 4
- Pins 4
- Nets and Pins

GROUPS

Property Editor

Symbol (All)

interfaceLas...	Sat Aug 31 ...
vendorName	
partName	CMOS_Inve...
Library	exp1
Cell	CMOS_Inve...
View	symbol
Mode	editable
Last Saved	Sat Aug 31 ...
Locked By	student@c...
Units	inch

mouse L: mouseAddPt(t)

M: Toggle Draw Mode

3(4) Point at first point of line.

90°

Search

ENG IN

15:52
31-08-2024

Cmd: Line Set: 0

cadence

Vin

Vout

VDD

GND

INV

Snipping Tool

Screenshot copied to clipboard and saved
Select here to mark up and share.







