

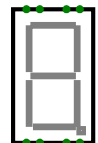
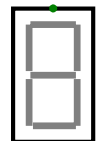
// Write Some Verilog Code Here!

Circuit Elements

Search..

Input

Output





Gates

Decoders &amp; Plexers

Sequential Elements

Annotation

Misc

Untitled

Project

- New Project
- Save Online
- Save Offline
- Open Offline
- Clear Project
- Recover Project

Circuits

- New Circuit +
- New Verilog Module
- Insert SubCircuit

Tools

- Combinational Analysis
- Hex-Bin-Dec Converter
- Download Image
- Theme
- Export Verilog

Help

- Tutorial
- User Manual
- Learn Digital Logic
- Discussion Forum

[Sign In](#)

Circuit Elements

Input

Output

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Properties

Timediagram

1 cycle =  Units

Quick Menu

Please switch to the landscape mode and refresh to access the simulator

Layout Elements

Timing Diagram

Testbench

Verilog Module

This is an experimental module. The code is not saved unless the "Save Code" button is clicked.

Apply Themes

Select a theme:

Properties

Input

BitWidth:

Delay:  
-  
  
+  
Label:   
Label Direction: LEFT ▾  
Orientation: RIGHT ▾

?

Help

Press Desire Key Combination & press Enter or press ESC to cancel.

Command Keymapping

New Circuit Shift + N

Save Online Ctrl + S

Save Offline Ctrl + Alt + S

Download as Image Ctrl + D

Open Offline Ctrl + O

Insert Sub-circuit Shift + C

Combinational Analysis Shift + A

Direction Up Up

Direction Down Down

Direction Left Left

Direction Right Right

Insert Label Ctrl + L

Label Direction Up Alt + Up

Label Direction Down Alt + Down

Label Direction Left Alt + Left

Label Direction Right Alt + Right

Move Element Up Shift + Up

Move Element Down Shift + Down

Move Element Left Shift + Left

Move Element Right Shift + Right

Hotkey Preference F8

Open Documentation F1

Layout

▢

Width

▢

▢

Height

▢

Reset all nodes: 

▢

Title

⬆

⬇

⬅

➡

Title Enabled: ☒

Save

Cancel

Digital Led ToolTip: Digital LED glows high when input is High(1).

<https://circuitverse.org/simulator>

4/5

Looks like there are no other circuits which doesn't have this circuit as a dependency. Create a new one!

New Circuit +  
Report an issue



### Report an issue

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Bug reporting from here will be back soon, until then help make CircuitVerse better by reporting simulator issues to us on Slack.

[Click Here to report an issue](#)

Thank you for your time.