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circuitverse.org/simulator/edit/1x4-demultiplexer-33f9055c-ac8d-4689-86fe-73adb6ea7a36

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**CIRCUIT ELEMENTS**

Search...

- Input
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- Sequential Elements
- Annotation
- Misc

**TESTBENCH**

**TIMING DIAGRAM**

**PROPERTIES**

INPUT

BitWidth: 1

Delay: 0

Label: S0

Label Direction: UP

Orientation: DOWN

Help

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**PROPERTIES**

INPUT

BitWidth: 1

Delay: 0

Label: S1

Label Direction: UP

Orientation: DOWN

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**TESTBENCH**

**TIMING DIAGRAM**

**PROPERTIES**

INPUT

BitWidth: 1

Delay: 0

Label: I

Label Direction: UP

Orientation: DOWN

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1\*8 Demultiplexer

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TESTBENCH

TIMING DIAGRAM

PROPERTIES

INPUT

BitWidth:

-

1

+

Delay:

-

0

+

Label:

S1

Label Direction: UP ▾

Orientation: DOWN ▾

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TESTBENCH

TIMING DIAGRAM

PROPERTIES

INPUT

BitWidth:

-

1

+

Delay:

-

0

+

Label:

S1

Label Direction: UP ▾

Orientation: DOWN ▾

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The image displays the CircuitVerse web simulator interface for a 1:8 Demultiplexer. The top navigation bar includes the CircuitVerse logo, project name '1:8 Demultiplexer', and user name 'Mohd Wali'. The left sidebar contains 'CIRCUIT ELEMENTS' and 'TESTBENCH' tabs. The main workspace shows a circuit diagram with an 8-bit input 'I', three 2-bit select inputs 'S2', 'S1', and 'S0', and eight outputs 'Y0' through 'Y7'. The circuit is implemented using 8 AND gates. The 'TIMING DIAGRAM' button is visible above the circuit. The right sidebar shows the 'PROPERTIES' panel for the selected output 'Y0', with fields for 'BitWidth' (1), 'Delay' (0), 'Label' (S0), 'Label Direction' (UP), and 'Orientation' (DOWN). The browser address bar shows the URL 'circuitverse.org/simulator/edit/1-8-demultiplexer-2ee008a5-b073-488d-9eb9-4cd2255d4389'.

