

Falstad Circuit Simulator cheat sheet

General

W	Add Wire
R	Add Resistor
C	Add Capacitor
Shift + C	Add Capacitor (polarized)
Shift + L	Add Inductor
S	Add Switch
Shift + S	Add SPDT Switch
Shift + T	Add Transformer
Shift + R	Add Relay
G	Add Ground
V	Add Voltage Source (2-terminal)
Shift + V	Add Voltage Source (1-terminal)
L	Add LED
T	Add Text
D	Add Diode
Z	Add Zener Diode
N	Add Transistor (bipolar, NPN)
P	Add Transistor (bipolar, PNP)
Shift + N	Add MOSFET (N-Channel)
Shift + P	Add MOSFET (P-Channel)
A	Add Op Amp (ideal, - on top)
Shift + A	Add Op Amp (ideal, + on top)
I	Add Logic Input
O	Add Logic Output
1	Add Inverter
@	Add NAND Gate
#	Add NOR Gate
2	Add AND Gate
3	Add OR Gate
4	Add XOR Gate

Unassigned actions

Add Memristor
 Add Spark Gap
 Add Fuse
 Add Custom Transformer
 Add Crystal
 Add Photoresistor

Add Thermistor
 Add A/C Voltage Source (1-terminal)
 Add Square Wave Source (1-terminal)
 Add Clock
 Add A/C Sweep
 Add Variable Voltage
 Add Antenna
 Add Potentiometer
 Add AM Source
 Add FM Source
 Add Current Source
 Add Noise Generator
 Add Audio Input
 Add External Voltage (JavaScript)
 Add Analog Output
 Add Push Switch
 Add Make-Before-Break Switch
 Add Potentiometer
 Add Tapped Transformer
 Add Transmission Line
 Add A/C Voltage Source (2-terminal)
 Add Lamp
 Add Box
 Add Voltmeter/Scope Probe
 Add Ohmmeter
 Add Labeled Node
 Add Test Point
 Add Ammeter
 Add Decimal Display
 Add Data Export
 Add Audio Output
 Add LED Array
 Add Stop Trigger
 Add DC Motor
 Add Wattmeter
 Add A/C Voltage Source (2-terminal)
 Add JFET (N-Channel)
 Add JFET (P-Channel)
 Add SCR

Add DIAC
Add TRIAC
Add Darlington Pair (NPN)
Add Darlington Pair (PNP)
Add Varactor/Varicap
Add Tunnel Diode
Add Triode
Add Unijunction Transistor
Add Op Amp (real)
Add Analog Switch (SPST)
Add Analog Switch (SPDT)
Add Tristate Buffer
Add Schmitt Trigger
Add Schmitt Trigger (Inverting)
Add CCII+
Add CCII-
Add Comparator (Hi-Z/GND output)
Add OTA (LM13700 style)
Add Voltage-Controlled Voltage Source
Add Voltage-Controlled Current Source
Add Current-Controlled Voltage Source
Add Current-Controlled Current Source
Add Optocoupler
Add Time Delay Relay
Add Subcircuit Instance
Add D Flip-Flop
Add JK Flip-Flop
Add T Flip-Flop
Add 7 Segment LED
Add 7 Segment Decoder
Add Multiplexer
Add Demultiplexer
Add SIPO shift register
Add PISO shift register
Add Counter
Add Ring Counter
Add Latch
Add Sequence generator
Add Full Adder

Add Half Adder
Add Custom Logic
Add Static RAM
Add 555 Timer
Add Phase Comparator
Add DAC
Add ADC
Add VCO
Add Monostable

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More information: defkey.com/falstad-circuit-simulator-shortcuts

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