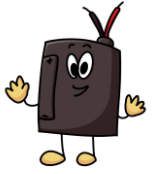


Fill in the Blank Circuit Components



_____ resist the flow of electrical current. The amount of light present determines the resistance.

_____ resist the flow of electrical current. Its colored strips show the fixed resistance value.



_____ resist the flow of electrical current. The resistance can be adjusted using the screw on top.

_____ measure various electrical properties of components and circuits.

_____ provide 4.5 volts to a circuit.

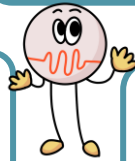


_____ transmit electricity or electrical signals in a circuit.

_____ take 4-bit Binary input and convert it into the corresponding decimal output.

_____ can connect or disconnect the flow of electricity in a circuit.

_____ allow current to flow in only one direction through it.



_____ light up when electricity flows through them. They have three internal colors: red, green, & blue.

_____ can absorb and store energy temporarily.



_____ light up when electricity flows through it.

_____ count electrical pulses and signals.



_____ reproduce electrical signals into various sounds.

_____ take an electrical signal into a sound, usually a single buzzing tone.



_____ help create circuit prototypes and circuit designs.

_____ can be used amplify or switch electronic signals.



_____ create electrical pulses and signals.

_____ display numerical digits or alphabetical characters.

BREADBOARDS
RGB LEDs
PHOTORESISTORS
RESISTORS
POTENTIOMETERS
BATTERIES
BCD-TO-7 SEGMENT LATCH DECODERS (4511)

7 SEGMENT DISPLAYS
PUSH BUTTON SWITCHES
WIRES
TRANSISTORS
CAPACITORS
DIODES

LIGHT EMITTING DIODES
BUZZERS
SPEAKERS
MULTIMETERS
555 TIMERS
DECADE COUNTERS (4017)

