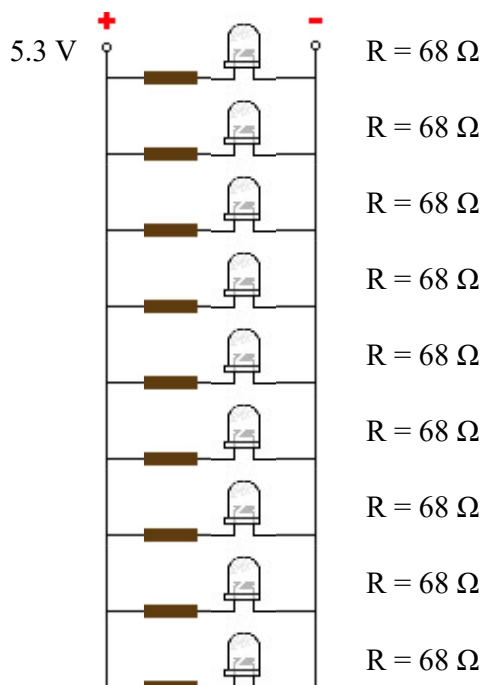


Source voltage V LED piece type: V mA resistor

parallel solution: 9 array with one LED



- the wizard recommends a 68 ohm resistor with at least 1/8 watts (125 mW).
the resistor dissipates 27.2 mW.
- the power loss is 244.8 mW.
- the diodes dissipate 720 mW.
- total power dissipated is 964.8 mW.
- the array draws current 180 mA from the source.

LED Resistor Calculator

The LED calculator will help you design your LED array. To get started, input the required fields below and hit the "calculate" button. For the operation of an LED requires a resistor so that the supply voltage to the correct value is limited. Without resistor, the LED would not long survive.

LED Calculator

With the LED Calculator you can easily the resistor of an LED or more LEDs calculate.

LED Resistor Tips

Hold down the power loss of resistors as small as possible. Make sure that resistor to the load is selected. It resistor used only in small streams in mA, as the losses on the resistors are very high. At higher benefits are used instead diode or transformers.

all information is without engagement

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