



Resistor Network - 330 Ohm (6-pin bussed)

COM-10855 ROHS ✓

★ ★ ★ ★ !

[DESCRIPTION](#)[DOCUMENTS](#)

If you ever find yourself connecting handfuls of resistors to the ground bus of your breadboard, you may consider these SIL-packaged resistors as a time-saving alternative. This Single In-Line component is actually 5 individual 330 Ohm resistors that share a common terminal on pin 6 (denoted with a black dot).

These work great as current limiting resistors for rows of LEDs and two of these can replace 10 individual wire-lead resistors when hooking up our 10 LED bargraph displays. They also work well as pull-down resistors for DIP switches.

Note: These may come in yellow or black. They are the same product, just a different color, each equally pleasant.



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Resistor Network - 330 Ohm (6-pin bussed) Product Help and Resources

SKILLS NEEDED

Core Skill: Soldering

This skill defines how difficult the soldering is on a particular product. It might be a couple simple solder joints, or require special reflow tools.



Skill Level: Noob - Some basic soldering is required, but it is limited to a just a few pins, basic through-hole soldering, and couple (if any) polarized components. A basic soldering iron is all you should need.

[See all skill levels](#)

Core Skill: Electrical Prototyping

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.



Skill Level: Noob - You don't need to reference a datasheet, but you will need to know basic power requirements.

[See all skill levels](#)

COMMENTS (15)

REVIEWS ★ ★ ★ ★ !

Customer Reviews

★★★★★ 5 out of 5

Based on 1 ratings:

| | | |
|--------|--|---|
| 5 star | | 1 |
| 4 star | | 0 |
| 3 star | | 0 |
| 2 star | | 0 |
| 1 star | | 0 |

Currently viewing all customer reviews.

★★★★★ Excellent Choice

about 2 years ago by [GraysonR](#)

These things are awesome! They are very handy and help keep down the breadboard clutter. I wish there were more values available from Sparkfun.

START SOMETHING.

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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