sparkfun
ELECTRONICS

search...

Featured   GPS / GNSS   Sensors   Development Boards   IoT & Wireless   All Categories

SparkFun Capacitor Kit

SKU: KIT-13698

The SparkFun Capacitor Kit is an essential workbench assortment, providing over 115 ceramic and electrolytic capacitors across 10 common values (10pF to 1000µF) in an organized parts box.

Overview   Documentation   Reviews   Recommended Products

Product Overview

Right after resistors, the capacitor is one of the most essential and common passive components in electronics. Not having the right value can halt your project. Capacitors are the workhorses of energy storage, used for everything from smoothing out power supplies and filtering high-frequency noise to creating timing circuits and coupling AC signals.

The SparkFun Capacitor Kit is a must-have for any balanced workbench. It's a curated library of the 10 most common and useful capacitor values, providing you with over 115 capacitors to start or continue your electronics journey.

This assortment is specifically designed to provide a wide range of practical options for any project. It includes:

- **Ceramic Capacitors:** Signal filtering and decoupling.
- **Electrolytic Capacitors:** Power supply smoothing and timing circuits.

No more digging under your desk for a part you dropped a year ago. To keep your new collection organized, the kit comes in a handy parts box, complete with a sticker to help you quickly identify each capacitor.

Note: This kit is the essential companion to our Resistor Kit and Beginner Parts Kit, helping you build a complete and well-rounded workbench.

Product includes:

- 10x 10pF Capacitor
- 10x 22pF Capacitor
- 10x 100pF Capacitor
- 10x 1nF Capacitor
- 10x 10nF Capacitor
- 25x 100nF Capacitor
- 10x 1µF Capacitor
- 10x 10µF Capacitor
- 10x 100µF Capacitor
- 10x 1000µF Capacitor

Documentation

- Capacitor Kit Identification Guide
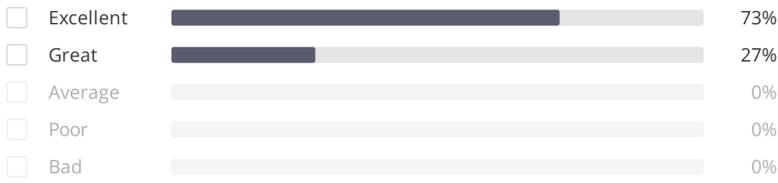
Reviews 15

☐ Excellent ▬▬▬▬▬▬▬▬ 73%
☐ Great ▬▬▬ 27%
☐ Average 0%
☐ Poor 0%
☐ Bad 0%

John Coney, April 21

★★★★★

Great capacitors, just what we needed.

✔ Verified, collected by SparkFun Electronics

redhat, November 2

★★★★★

What I really like about this request for more input is that the link doesn't come with loads of nasty cookie garbage. I am confident the caps work just fine ninety percent of the time.

ABOUT SPARKFUN

Read Our Story
Press & Media
SparkFun Education ⬈
Job Openings

PARTNER WITH US

See Our Partners
Become a Distributor/Reseller
Receive Volume Discounts

SUPPORT

Customer Support
Purchase Orders & Payment Terms
Technical Support Forum ⬈
Returns & Exchanges
FAQs
Contact Us

SITE INFORMATION

Terms Of Service
Privacy Policy
Site Map

SUBSCRIBE

Sign up to receive weekly product releases, special offers and more.

First Name:

Email:*

SUBSCRIBE

SparkFun Electronics ® / 6333 Dry Creek Parkway, Niwot, CO 80503