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## Super Capacitor - 10F/2.5V

COM-00746 ROHS ✓

★★★★☆ 3

### DESCRIPTION

### FEATURES

### DOCUMENTS

Yes you read that correctly - 10Farad capacitor. This small cap can be charged up and then slowly dissipated running an entire system for hours. Combine two in series for 5F/5V. Do not over voltage or reverse polarize these capacitors.

## Super Capacitor - 10F/2.5V 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: Rookie** - The number of pins increases, and you will have to determine polarity of components and some of the components might be a bit trickier or close together. You might need solder wick or flux.

[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 66

REVIEWS ★★★★★ 3

## Customer Reviews

★★★★☆ 4.7 out of 5

Based on 3 ratings:

5 star 2

4 star 1

3 star 0

2 star 0  
1 star 0

Currently viewing all customer reviews.

3 of 3 found this helpful:

★★★★☆ Worked out well

about 2 years ago by **keen101** ✓ verified purchaser

Used 4 of these to replace a backup battery in an old clock radio. In the course of changing it from a battery to a capacitor i found that the original Chinese workers forgot to add a diode. So that is why my 9v batteries were dying so quickly. The 7v AC was draining the 9v DC. In the end i left the caps anyway. Now i never have to replace that stupid battery ever again. Of course for longevity a battery would be better.

★★★★★ A very nice supercap for a good price.

about 6 months ago by **Member #1042231** ✓ verified purchaser

From what I've tested of it, it would make for a very nice capacitor bank. I intend to purchase a few more for that purpose. The one I have seems to be very high quality.

For a 10F cap, it is very small in size. I purchased a few 1.5F caps a week later, and size wise, they are much larger. (if I compared them mass per Ferad, they would be twice as large.)

This specific cap I purchased I intend to use in a power supply for a headphone amp.



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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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#### What's on your mind?

#### For which department?

General

Please include your email address if you'd like us to respond to a specific question.

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