

Title: Supercapacitor 48V Price

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What's the formula to calculate how many seconds a supercapacitor can provide power when employing a buck/boost converter? Also, how different would that calculation be when using a pair of superc...

The circuit is based around existing supercapacitor protection modules and uses a TL431 (actually a TLV431 lower power version) precision Zener device. Basically, the circuit works, but I ...

My biggest problem is when I discharge a supercapacitor, let's say 100F 2.7V, I use a boost converter, but all boost converters have a minimum input voltage of about 0.9V. But the ...

I am working on adding a super-capacitor to one of my 5V lines. Foolishly I tried adding the super-capacitor directly to the 5V line, but it over stresses my regulator to charge it all at once. ...

Suppose I have a device that utilizes a supercapacitor. How long will it take to wear out the supercapacitor so that it needs replacement?

The question doesn't contain a link to a specific datasheet for a Lithium Ion supercapacitor, but looking at the example for the CAP-XX LY13R8 RADIAL LEAD LITHIUM-ION ...

I am trying to simulate a super capacitor in LTspice but it is not giving me the correct discharge time as it should be theoretically. Has anyone also faced this issue? Please let me know ...

I have some 2.7 V, 500 F supercapacitors and I would like to quickly charge them from two 18650 VTC6s in parallel. I made this simple circuit and I would like to make sure it works before I ...

I have been watching videos on super capacitor jump starters for cars. I figured out about 90% of how they work, but there is one last thing I don't understand. The jump starters use a boost conver...

Is this discharge normal? Is it possible that the capacitor is low-quality with high leakage? Do I understand



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this topic correctly? Did I miss any important info about super-capacitors? Can you ...

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