



DESCRIPTION DOCUMENTS

The MintyBoost kit from Adafruit Industries includes all the electronic parts necessary to build your own MintyBoost: a small & simple (but very powerful) USB charger for your iPod (or other mp3 player), camera, cell phone, and any other gadget you can plug into a USB port to charge.

The charger circuitry and 2 AA batteries fit into an Altoids gum tin, and will run your iPod for hours, 2.5x more than you'd get from a 9V USB charger! You can use rechargable batteries too.

Kit comes un-assembled and is suitable for beginners. Some soldering tools are necessary but even if you've never soldered before it should be pretty easy.

New In Version 3: Provides 500mA @ 5V, tested and designed to work with all the latest iGadgets including the latest iPhones and iPods, etc., improved efficiency for high-drain devices, works much better with LiPoly battery mods.

Tested works with: iPods, iTouches and iPhones (including the iPhone 4), PSP, DS..Please see a full listing at Minty Boost compatibility webpage to see if your device is tested to work before purchasing.

MintyBoost 3.0 Kit Product Help and Resources

SKILLS NEEDED

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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 tool



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: Rookie - You may be required to know a bit more about the component, such as orientation, or how to hook it up, in addition to power requirements. You will need to understand polarized components.

See all skill levels

Customer Reviews ** * * * 1

\star \star \star \star 5 out of 5

Based on 1 ratings:
5 star
4 star
3 star
2 star

Currently viewing all customer reviews.

★ ★ ★ ★ Easy assembly

about 2 years ago by EBeamBob ✓ verified purchaser

It's one of the smallest PCBs I've ever built, so it was a bit challenging for my older eyes, but it was as easy to assemble as I thought it would be. I verified it would charge my HTC phone and my daughter's iPod Touch too. I had saved up some Altoids mints tins for this kit when I first saw it, and discovered that there's way more than enough room for the MintyBoost in there. I briefly considered fitting a 3-AA holder in but those are a bit harder to find.

START SOMETHING.	a d v f	5 8+ •• ≥ ■
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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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