



SparkFun Basic Flashlight Soldering Kit

KIT-14877

★★★★☆ 3

DESCRIPTION

INCLUDES

DOCUMENTS

Are you new to soldering and want to learn the basics with one easy kit? This Flashlight Soldering Kit is an easy to assemble soldering kit designed to help teach the basics of through hole soldering and circuit design. This kit requires you to only solder four unique parts onto a PCB and then insert a CR2032 battery, once completed you will be provided with a simple flashlight that will light up dark areas and keep the monsters away!

Inside each Basic Flashlight Soldering Kit bag is a PCB, a small coin cell battery, a battery holder, an LED, a resistor, and a switch. On the front of the kit's PCB, you can see markings and outlines for the four different components to make sure everything is assembled correctly, while on the back is a schematic of the flashlight circuit showing all four components and how they interact with each other. All you need to supply is a soldering iron and solder to put your kit together!

[GET STARTED WITH THE BASIC FLASHLIGHT SOLDERING KIT GUIDE](#)

Tags

BEGINNER

CR2032

FLASHLIGHT

KIT

LED

SOLDER

SOLDERING

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SparkFun Basic Flashlight Soldering Kit Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



Flashlight Kit

OCTOBER 11, 2018

This is an assembly guide for the SparkFun Flashlight Kit, a basic learn to solder kit.

COMMENTS

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REVIEWS

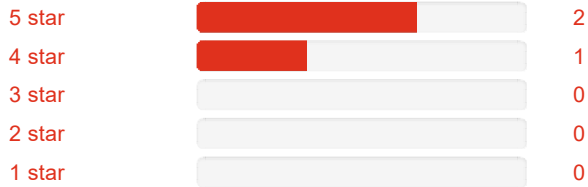
★★★★☆

3

Customer Reviews

★★★★★ 4.7 out of 5

Based on 3 ratings:



Currently viewing all customer reviews.

★★★★★ Great practice for soldering

about a year ago by **Member #782929** ✓ verified purchaser

I don't often have reason to solder in my hardware projects but I like to stay practiced. This kit had a very informative instruction set and made for a very quick project. Could definitely buy again for anyone who wanted to get into soldering.

★★★★★ 2 for 1 - Bought 2, 1 for grandson and 1 for myself with one goal in mind.

about a year ago by **Member #1274715** ✓ verified purchaser

I bought two of these kits, one for my grandson and one for myself and we built them together after he sat and watched the video taking notes and making sketches in his "scientist" note book. While perhaps overly simple for many, this was a great introduction to a simple circuit and learning soldering that captured his imagination and attention for longer than I've ever seen happen.

Thanks for doing the video and for offering this product. We all have to start somewhere and I think this was perfect for him and fun for me to be part of.

★★★★☆ Nice kit for BSA merit badge

about 3 months ago by **Member #487774** ✓ verified purchaser

I used this kit to help Boy Scouts learn to solder. They needed to demonstrate this skill to achieve their Electronics Merit Badge.

This kit was simple to use and provided immediate feedback regarding their soldering technique. Excessive solder meant the flashlight wouldn't switch off. A cold solder joint made a kit unreliable (pressing on the bad solder joint made the circuit work).



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