SparkFun Paper Circuits Kit

KIT-14655

Welcome to the world of paper circuits - creating electronic projects directly on paper using simple components! The SparkFun Paper Circuits Kit teaches the basics and fundamentals of creating an electric circuit without the need to solder or code a single thing! Using the provided templates, strips of copper tape, and LEDs, the SparkFun Paper Circuits Kit provides you with 10 fun and informative light up robot cards that should only take between five to 10min to assemble! No previous electronics experience is required.

If you are unfamiliar, a paper circuit is a functioning electronic circuit built on a paper surface instead of a PCB. Projects can range from greeting cards, to origami, to traditional art such as paintings or drawings. What makes them unique is the use of traditional fine art techniques to create a circuit that is combines aesthetics and functionality. Paper circuits are becoming more and more popular in the hobby electronics world. The easy availability of craft-like materials and increasing abundance of new products has created a really unique ecosystem for crafters looking to make the leap to electronics projects.

The only things you will need to get each simple circuit card built, that aren't included in SparkFun Paper Circuits Kit, are CR2032 coin cell batteries, scissors, a hole punch, tape, and any coloring supplies to make your little robot pop. Although, if you need more individual card kits you have two options: download the card in the *Documents tab* above (and order the additional components separately) or you can pick up the SparkFun Paper Circuits Classroom Pack(which includes 30 individual card kits) instead!

Note: The SparkFun Paper Circuits Kit does **not** include any CR2032 coin cell batteries to avoid major shipping restrictions. This kit requires up to 10 CR2032 batteries and they will need to be purchased separately.

INCLUDES

- 10x Printed Robot Template Card
- 10x Yellow LED - 5mm
- 10x Copper Tape - 1ft
- 10x Binder Clip