



Happy Birthday (with Cake!) Card

Happy Birthday! Celebrate with paper circuits and this simple light-up card featuring a birthday cake. There are two different cake designs.

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INTRODUCTION

Happy Birthday! Celebrate with paper circuits and this simple light-up card featuring a birthday cake. There are two designs, each in full color and black & white which can make a great coloring activity.

You can make this project (and many more!) with our **Paper Circuits Kit**.



TOOLS:

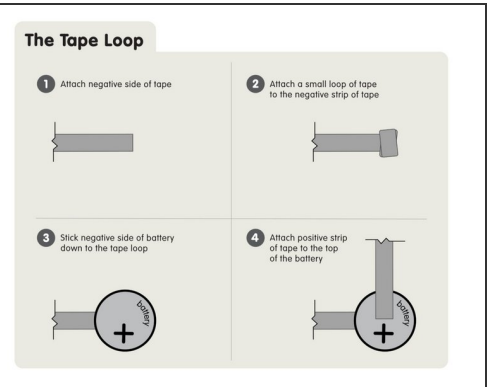
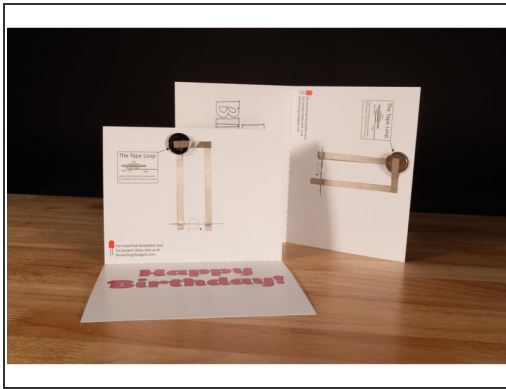
- [Scissors](#) (1)



PARTS:

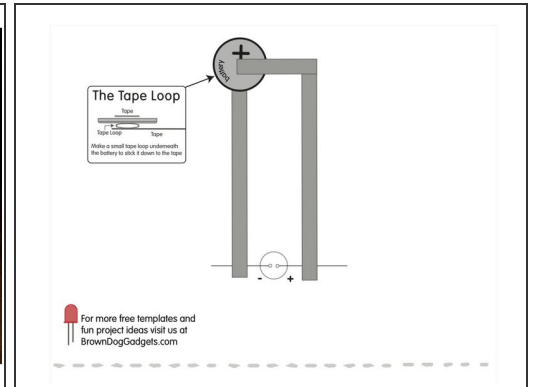
- [Paper Circuits Kit](#) (1)

Step 1 — Make Your Card



- In general build this project in this order:
 - Print out the full-color card, or print out the black and white card, and color/decorate as desired.
 - Bend over the LED legs 90 degrees.
 - ⓘ Make sure you bend the legs the right way to match up with the polarity on the inside of the card.
 - Poke holes through the front of the card for LED legs.
 - On inside of card, bend legs down flat against paper.
 - Add Maker Tape and battery to complete your circuit.
- ⓘ Note: If you are using thicker paper (such as cardstock) we recommend using a large safety pin to poke the holes in the paper to put the LED legs through.

Step 2 — Tips



- There are two designs and each has a full color version and a black & white version that can be a fun coloring activity.
- ⓘ To "turn off" the LED you can just peel back the tape from the top of the battery.

Enjoy your card!