



Paper LED Name Badge

Create this fun, light-up version of the classic name badge with our printable template and a few basic components from your Paper Circuits Kit!

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INTRODUCTION

Create this fun, light-up version of the classic name badge with our printable template and a few basic components from your **Paper Circuits Kit**!

If you are facilitating this activity with a group the PDF link at the bottom for the **Paper LED Name Badge Step-by-Step Instructions** may be useful.



TOOLS:

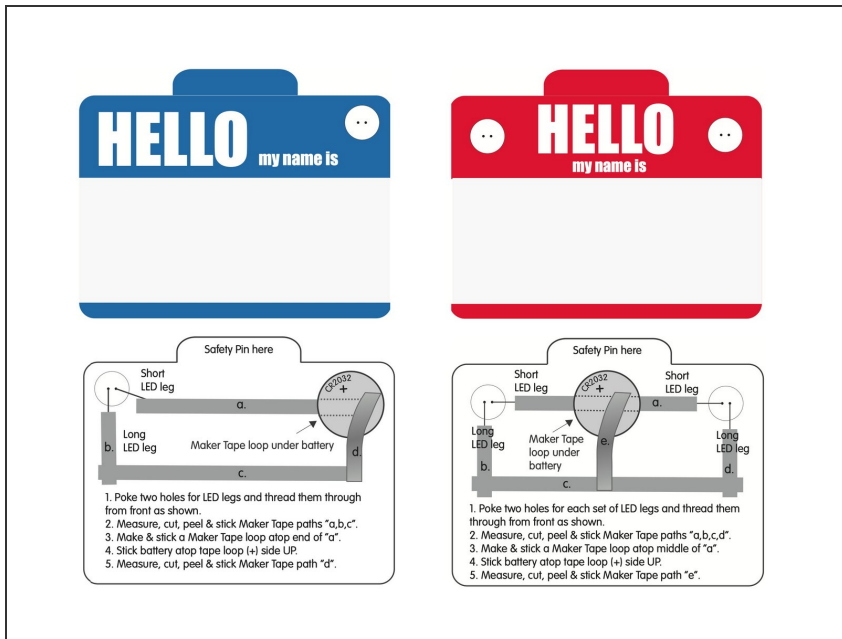
- [Scissors](#) (1)
- [Hot Glue Gun](#) (1)
(optional)
- [Pen or Marker](#) (1)
- [Pushpin](#) (1)



PARTS:

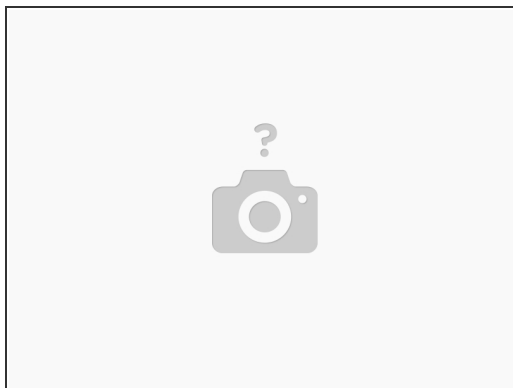
- [Jumbo 10mm Diffused LED](#) (2)
(1-2)
- [Maker Tape, 1/4" Wide](#) (1)
- [CR2032 Battery](#) (1)
- [Safety Pin](#) (1)
- [Printable Circuit Template](#) (1)

Step 1 — Preparation



- **Gather materials listed and print out the template** you prefer (there are 1 and 2 LED circuit options) from the PDF listed at the bottom of this guide.
- **Cut out the project** in your color of choice.
- **Print your name** on the front of the badge.

Step 2 — Place LED(s) and Circuit Assembly



- **Follow circuit assembly instructions on the back of your project** using the diagram on the back side of the name badge.
- **Use a pushpin to poke out the black dots** for the LED legs in your chosen project.
- **Thread any LEDs (1-2 depending on which version you chose) through those pairs of holes** from the front using the orientation of long and short legs indicated on the diagram.
- **Measure, peel and stick** the first portion of the Maker Tape paths indicated on the instruction.

Step 3 — Battery Install and Circuit Completion



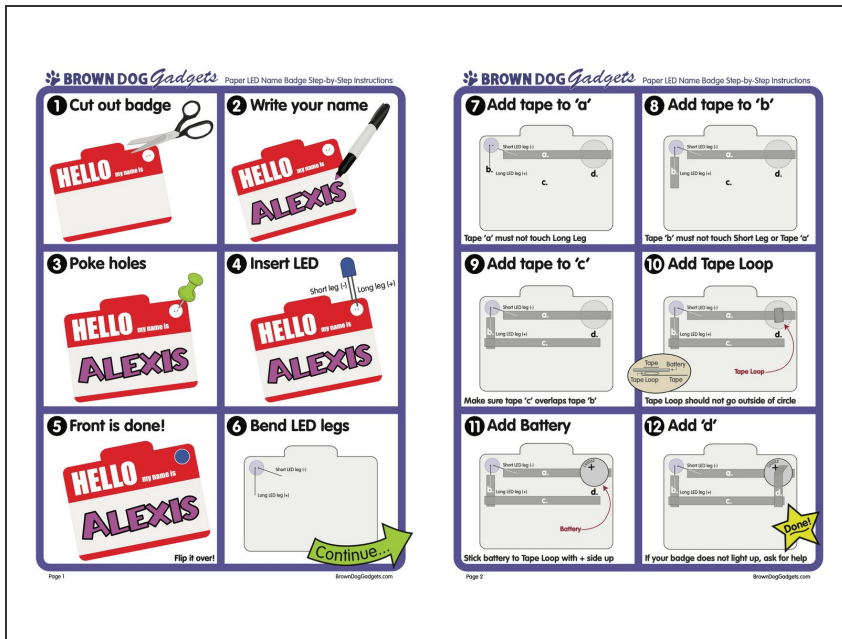
- **Make a tape loop out of Maker Tape** and stick it to the battery end of path "a".
- **Stick Battery atop tape loop** with the positive (+) side UP.
- **Measure, cut, peel and stick final Maker Tape segment** to complete circuit and turn on LED(s).

Step 4 — Wear Your Badge



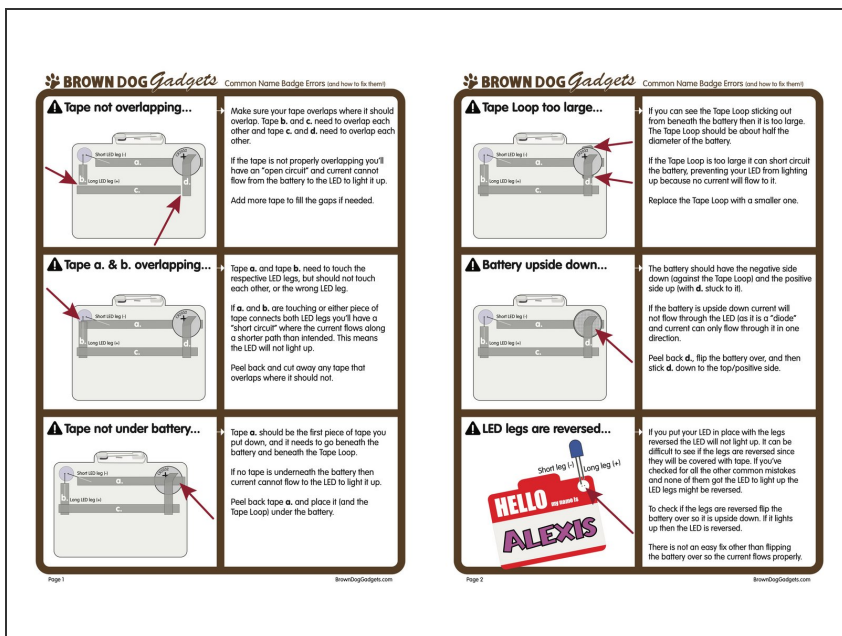
- Wear your badge and look totally awesome!

Step 5 — Step-by-Step Instructions



- If you're doing this as a facilitator led group activity you may find the attached PDF [Paper LED Name Badge Step-by-Step Instructions](#) useful.
- It's an illustrated step-by-step guide that can be used for a self-guided workshop with many participants.

Step 6 — Common Errors



- There's one more helpful document if you are facilitating this activity. The **Paper LED Name Badge Common Errors** PDF at the bottom of this page can help point out common mistakes we've seen when people don't properly follow the instructions.
- If you need to troubleshoot a badge that isn't lighting up, this cheatsheet can prove to be a useful checklist to diagnose the problem(s).

Create this fun, light-up version of the classic paper name badge using just a few parts from your Paper Circuits Kit. Be unforgettable!