



Light-Up Sneaker Flair - Burst

Make your own light-up shoe embellishments with this template and tutorial.

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INTRODUCTION

Make your own light-up shoe embellishments with this template and tutorial.

 TOOLS:

- [Printer](#) (1)
- [Scissors](#) (1)
- [X-ACTO Knife](#) (1)
- [Push Pin](#) (1)

 PARTS:

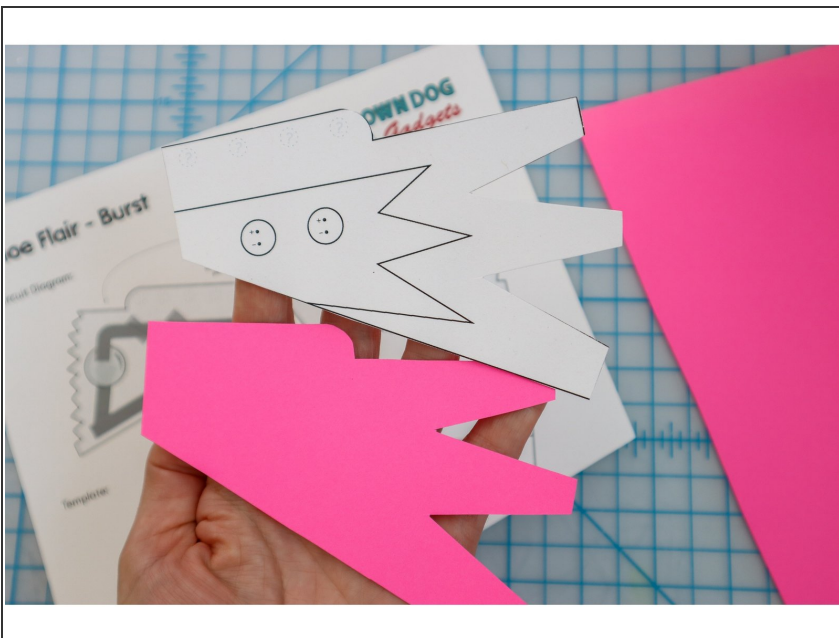
- [Wearable Circuits Kit](#) (1)
 - [Tilt Sensor](#) (1)
- *Optional*

Step 1 — Download and Print the Template



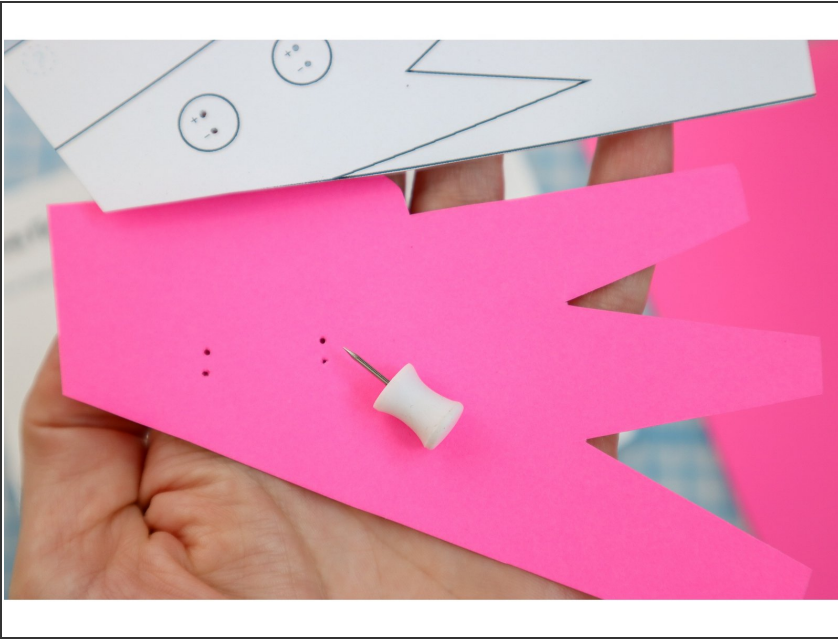
- Download and Print the Template.
- Optional: If you would like to make a shoe that turns on and off as you step using a tilt sensor, download and print [the template linked here](#) instead.

Step 2 — Cut Out the Shape



- Use the template to cut out the burst shape.

Step 3 — Make Holes



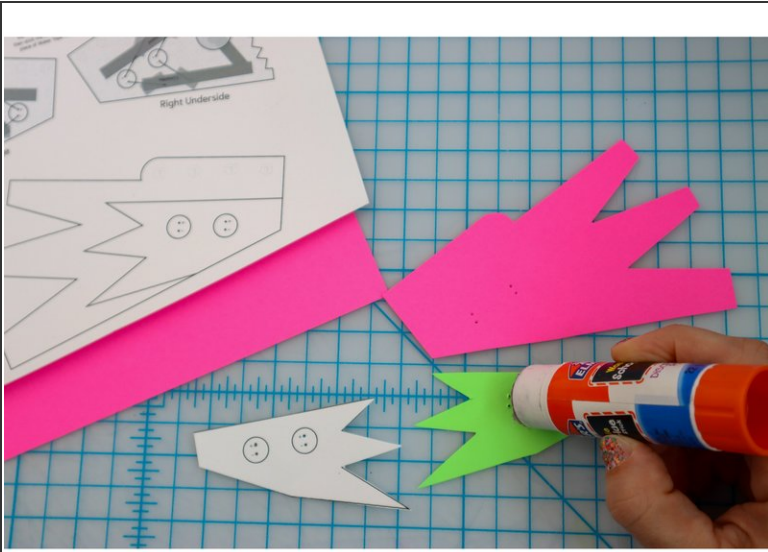
- Use the template and a push pin to poke holes for the LED legs.

Step 4 — Repeat



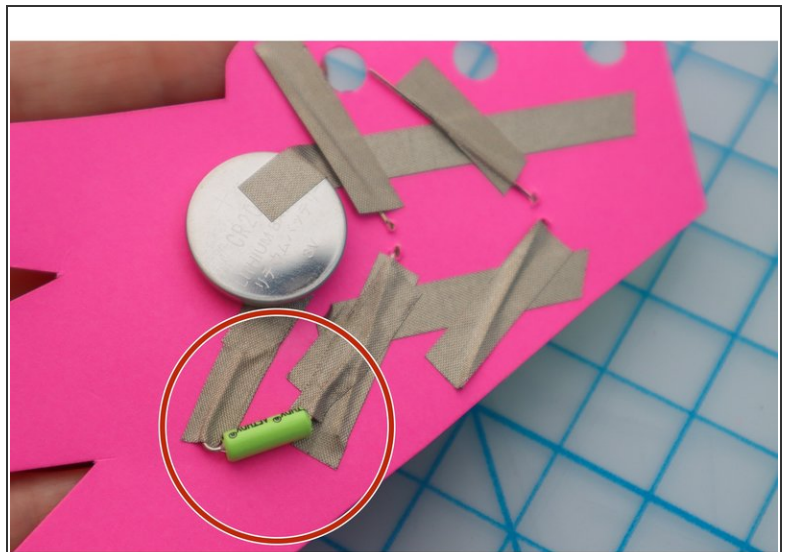
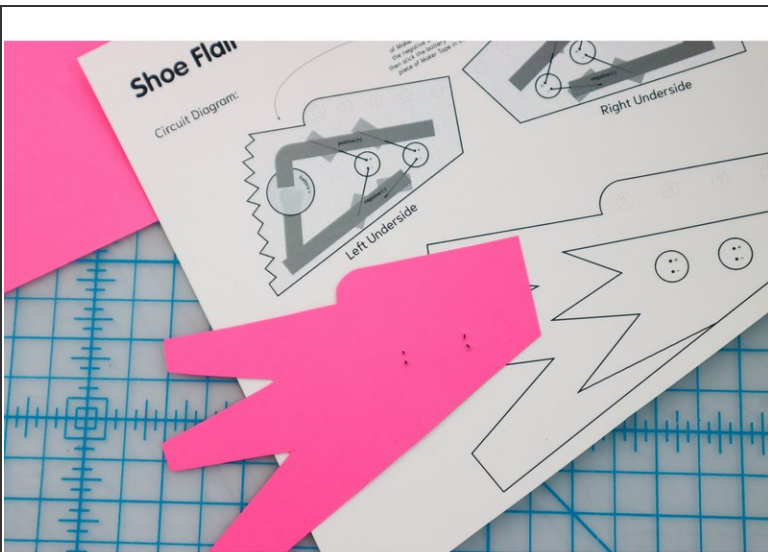
- Cut out and poke holes using a second accent color for the center of the burst.

Step 5 — Add the Center



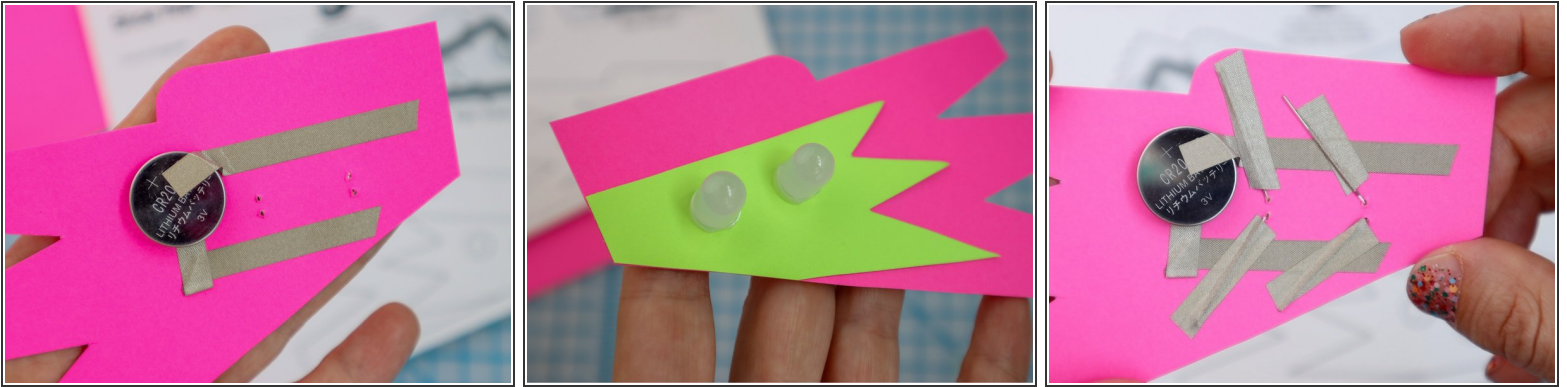
- Glue the two pieces together, aligning the holes.

Step 6 — Look at the Circuit Diagram



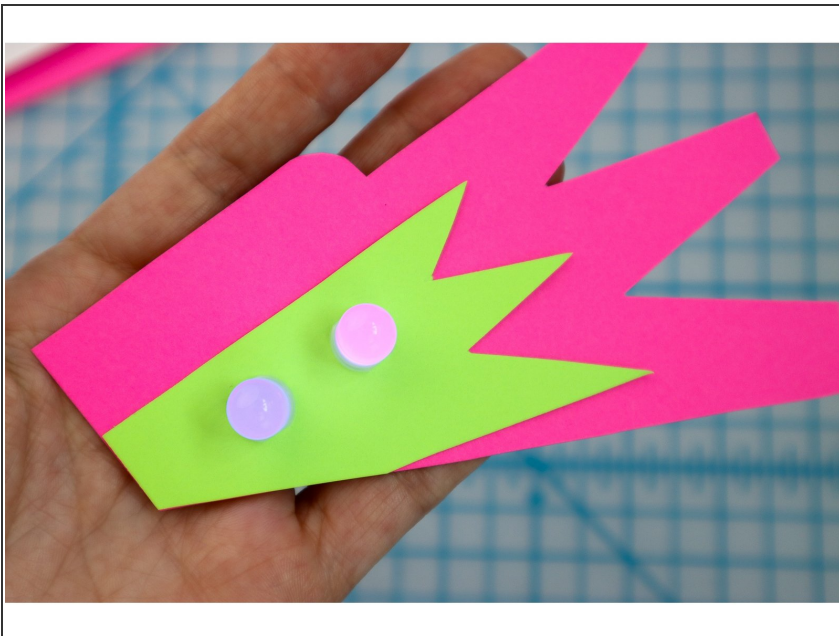
- Align the project with the circuit diagram.
- Optional: If you would like to make a project that turns on and off as you step, follow [the template linked here](#) to add a tilt sensor.

Step 7 — Build the Circuit



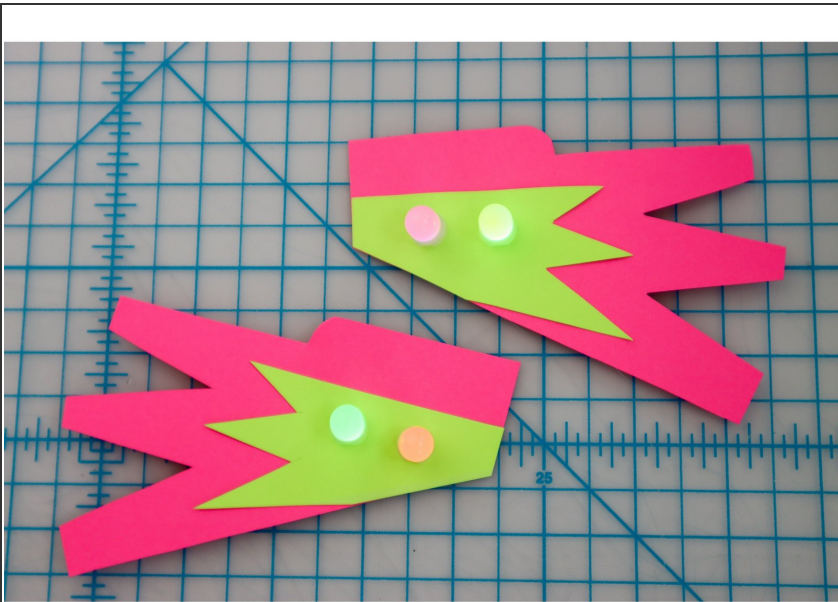
- Follow the diagram on the template to build the circuit.
- Tip: Make sure the polarity of the LEDs is correct: The long leg is positive and goes through the hole on top!

Step 8 — It Lights Up!



- Flip over the project - the LEDs should light up!
- Is it not working? Check for a short circuit or loose connection.

Step 9 — Repeat



- Repeat the previous steps to make a second burst for the other shoe.

Step 10 — Mark the Hole Locations



- Hold the project up to the shoes and mark the hole locations.

Step 11 — Lace 'Em Up!



- Unlace the shoes, then lace the shoes back up through the holes.

Step 12 — Wear the Shoes!



- Walk around and show off your new shoe bling!