Blinking Ambulance

Make a paper craft ambulance with blinking lights powered by a Crazy Circuits Blink/Fade Board.

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INTRODUCTION

Make a paper craft ambulance with blinking lights powered by a Crazy Circuits Blink/Fade Board.

TOOLS:

- Scissors (1)
- X-ACTO Knife (1)
- Safety Pin (1)

PARTS:

- Crazy Circuits Blink/Fade Board (1)
- CR2032 Battery (1)
- Jumbo 10mm Diffused LED (2)
- Maker Tape (1)

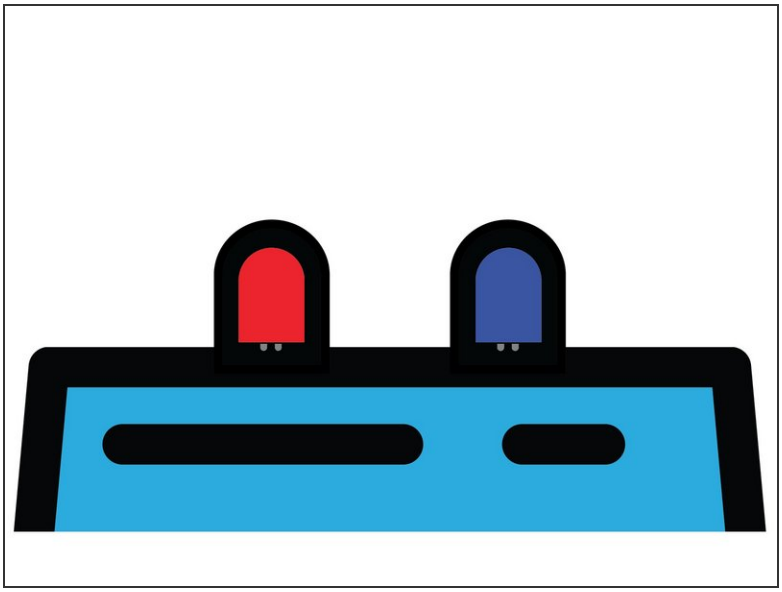
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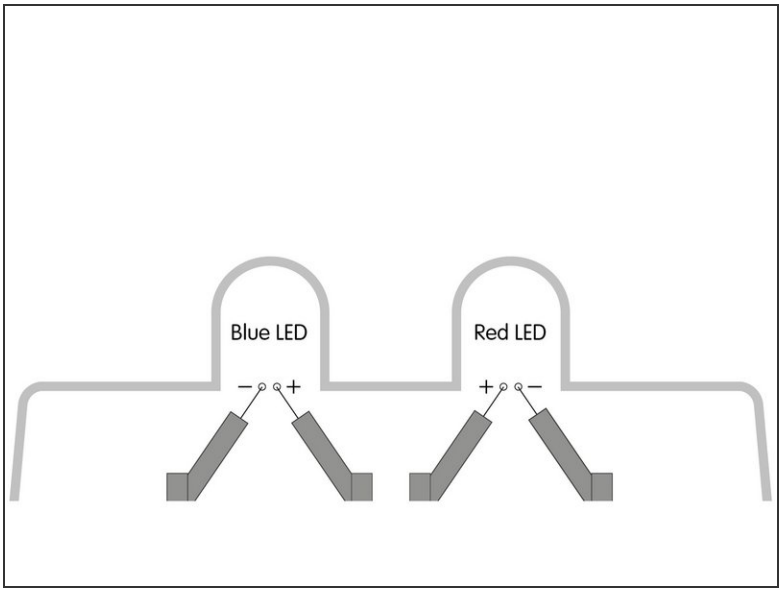
Step 1 — Print Out & Cut Template



- Print out the template on heavy cardstock.
- Cut out the ambulance using scissors or an X-ACTO knife.

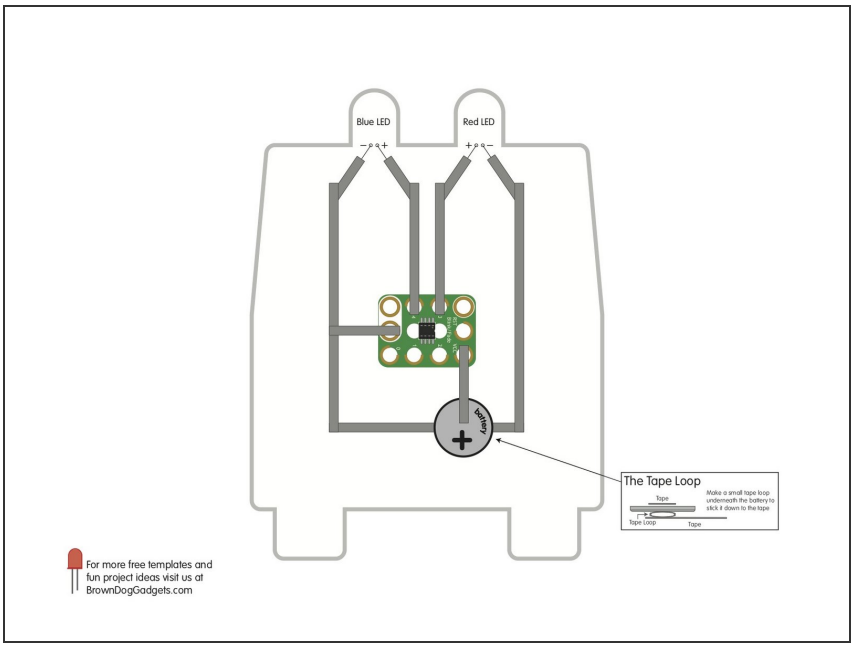
Step 2 — Insert LEDs





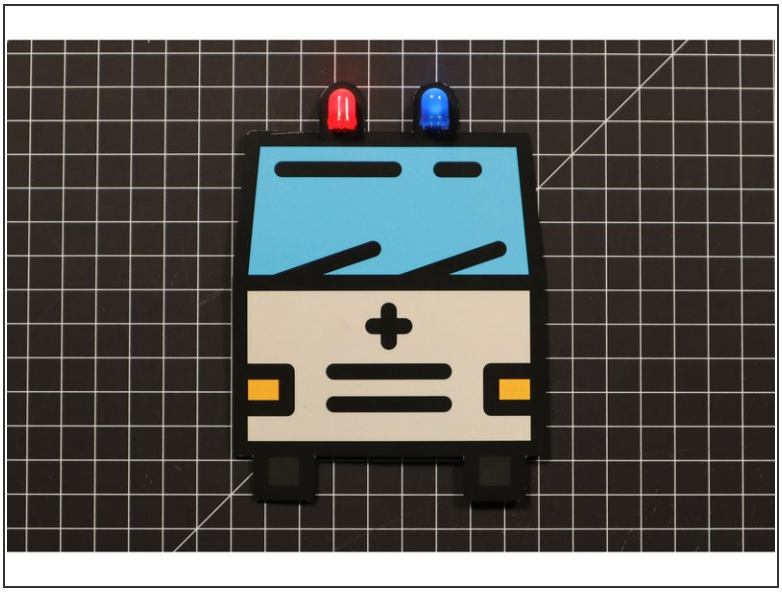
- Use a safety pin to poke holes in the front where the LEDs legs will go.
- Insert the LED legs through the holes, with the positive legs both towards the center.
- Bend the legs over as indicated on the back of the ambulance.

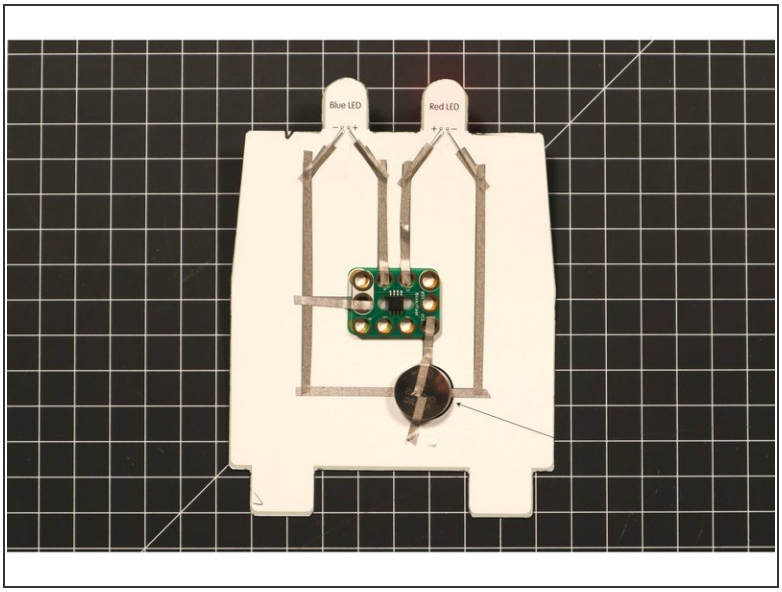
Step 3 — Build the Circuit



- Tape down the LED legs to hold them in place.
- Add the Blink/Fade Board to the center of the circuit.
  - Use some tape (masking, clear, etc. as long as it is non-conductive) to hold the Blink/Fade Board in place.
- Add the tape as shown.
- Add the battery, with a tape loop beneath it to hold it in place.
- When your circuit is complete, the red and blue LEDs should blink alternately!

Step 4 — Watch it Blink!





- Enjoy your Blinking Ambulance!

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