



Holiday Porg Shirt

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INTRODUCTION

We created a fun, animated, holiday shirt using some LEDs and a Blink/Fade Board. You can easily make one yourself if you follow our diagram and tips!



TOOLS:

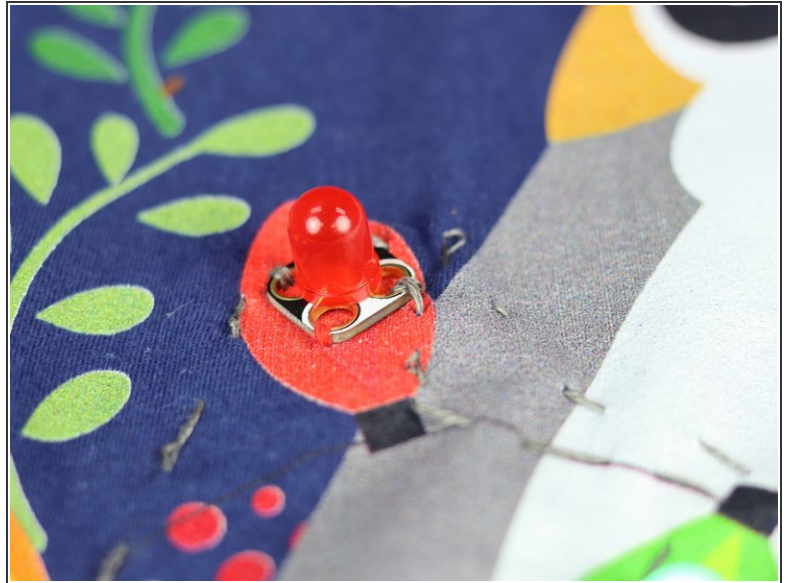
- [Scissors](#) (1)



PARTS:

- [Porg Holiday Shirt](#) (1)
- [Crazy Circuits LED Chip](#) (1)
- [Crazy Circuits Blink/Fade Board](#) (1)
- [Crazy Circuits Screw Terminal Chip](#) (1)
- [2 AAA Battery Holder](#) (1)
- [Conductive Thread](#) (1)

Step 1 — Sewing Tips



- Use regular thread to sew down your parts FIRST before using conductive thread.
- The most common issue people have is that little ends of thread 'short circuit' with other little lines of thread. Easily behind the LEDs. Use hot glue, nail polish, or even just some tape to manage these.
- While we made ours animated with a Blink/Fade Board you can just straight up power any number of LEDs. If you're going to use more than 3 LEDs you should use a 2AA or 2AAA battery source.

⚠ Do NOT use color changing LEDs with the Blink/Fade board.

⚠ Do NOT use conductive thread with a sewing machine. If you want you can always go over your conductive thread stitches with a zigzag pattern at the end.