

<https://tecknologg.website>

Christmas badge (2020 edition)

December 9, 2020

Project Overview

A simple PCB circuit badge that can be hung onto a christmas tree or anywhere you want using a piece of string or a ribbon. The board has 5 red LEDs which light up at full brightness powered by a CR2032 coin cell battery at +3V DC.

Note: **Please use red LEDs ONLY.** Using a variation of LED colors will cause only some of them to light up and some not to. This happens as some other colors require more current to light up.

Project site where the design files and schematic can be found:

<https://github.com/Chromico/PCB-Christmas-Badge-2020>

Final Assembled Board



Specifications

- Battery powered (CR2032)
- PCB size (44mm x 44mm)
- Copper and tin plated hole