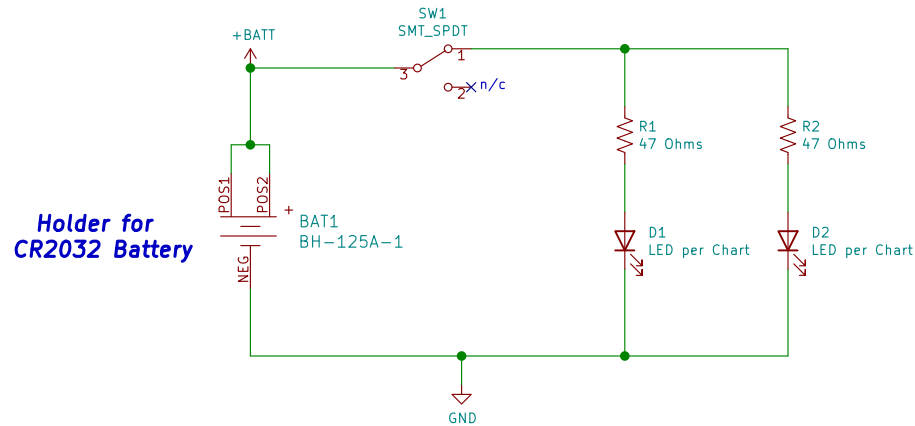


Candle Flicker LED Options*

| COLOR | 10 mm Dia | 5 mm Dia | 3 mm Dia |
|--------|-----------------|-----------------|-----------------|
| Yellow | BL-L101UYW-B-S3 | BL-L513UYW-B-S3 | BL-L314UYW-B-S3 |
| Red | not available | BL-L513URW-B-S3 | BL-L314URW-B-S3 |
| Green | not available | not available | BL-L314UGW-B-S3 |



Bill of Materials

| Ref | Description | Mfg | Mfg P/N |
|--------|---------------------------------------|------------------|----------------|
| BAT1 | CR2032 Battery Holder | ADAM TECH | BH-125A-1 |
| SW1 | Switch, SMT 8.7 x 3.0 mm Mini-Slide | Würth Elektronik | 450405020524 |
| R1, R2 | Resistor, 47 Ohms \pm 5%, 0.4W 0805 | Rohm Semi | ESR10EZPJ470 |
| D1, D2 | LED, of your choosing | BetLux | BL-Lxxxxx-B-S3 |

* Available from EvilMadScientist - <https://shop.evilmadscientist.com/products/menu/parts/menu/189-candle>

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Sheet: /
File: cat_pcb_2a.sch

Title: Cat #2 - Two LEDs

Size: USLetter Date:
KiCad E.D.A. kicad (5.1.9-0-10_14)

Rev: 0.1
Id: 1/1

