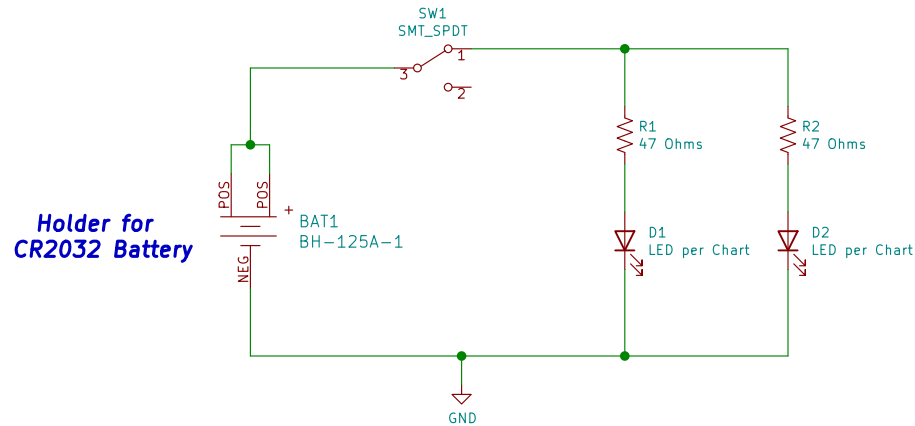


Candle Flicker LED Options*

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	ESR10EJPJ470
D1, D2	LED, of your choosing	BetLux	BL-Lxxxxx-B-S3

* Available from EvilMadScientist – <https://shop.evilmadscientist.com/productsmenu/partsmenu/189-candled>

lab64 / Stanford University
Electrical Engineering Department
350 Jane Stanford Way
Stanford, CA 94305-9505
blame— steven.clark@stanford.edu



Sheet: /
File: cat_pcb_2.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