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

VDD

SW1
SMT_SPDT

1
3
2 ✕ n/c

Holder for
CR2032 Battery

POS1 POS2

NEG

+ BAT1
BH-125A-1

R1
47 Ohms
R2
47 Ohms
R3
47 Ohms
R4
47 Ohms
R5
47 Ohms
R6
47 Ohms
R7
47 Ohms

D1
LED per Chart
D2
LED per Chart
D3
LED per Chart
D4
LED per Chart
D5
LED per Chart
D6
LED per Chart
D7
LED per Chart

GND
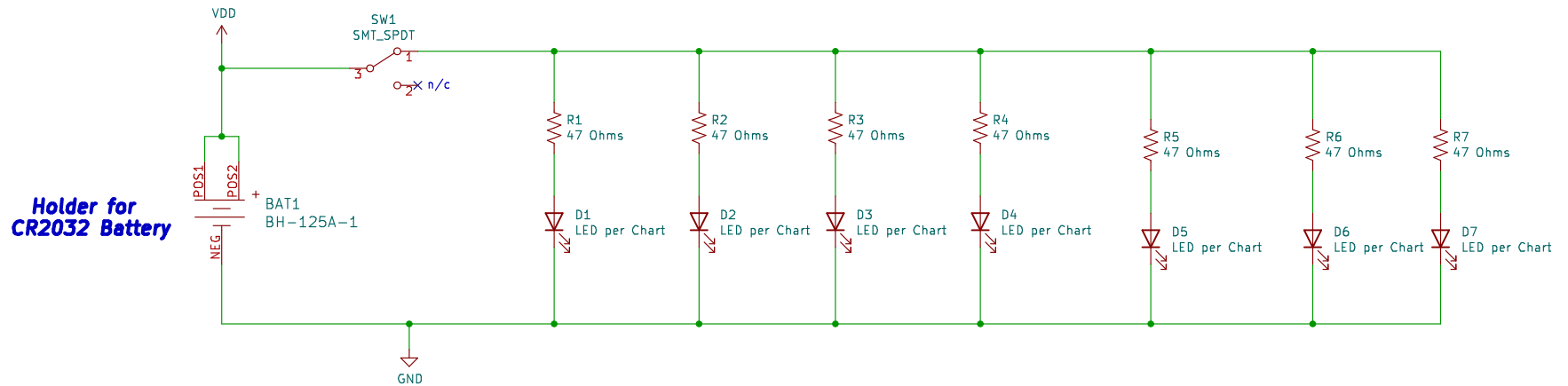
Bill of Materials

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 ± 5%, 0.4W 0805	Rohm Semi	ESR10EZPJ470
D1, D2	LED, of your choosing	BetLux	BL-Lxxxxxx-B-S3

PWR_FLAG   VDD

GND   PWR_FLAG

lab64
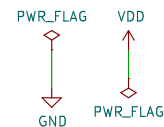
* Available from EvilMadScientist — https://shop.evilmadscientist.com/productsmenu/partsmenu/189-candled