

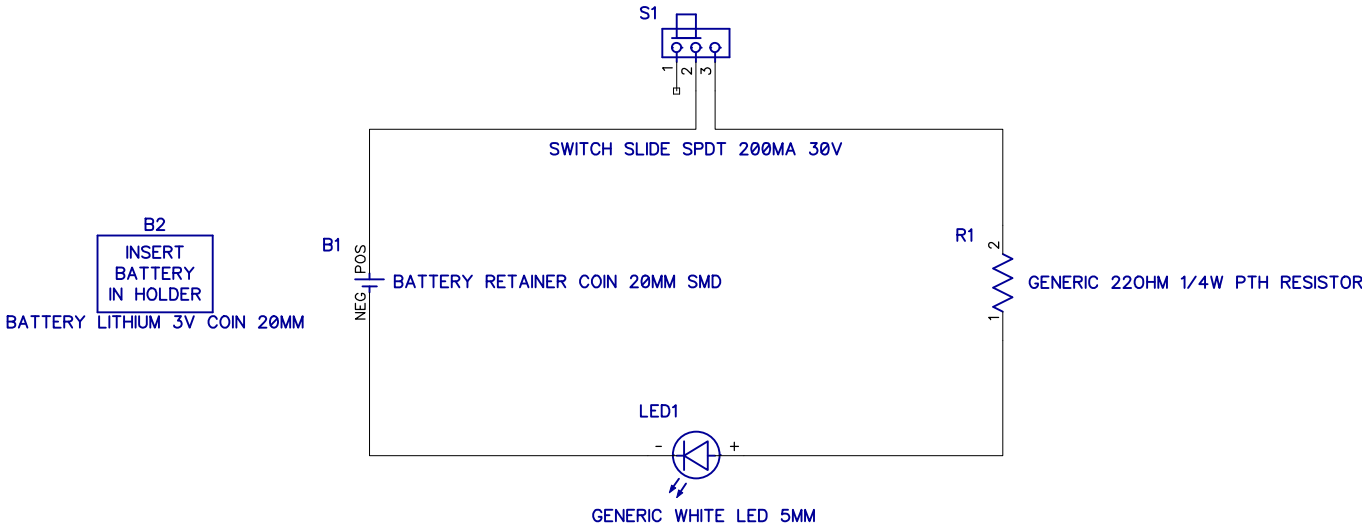
SCHEMATIC

RFSR_ElectronicsMeritBadgeKit

STEM Center

[REVISION HISTORY]
Rev1.0.0 - 08JUN2025 - Initial Design Release - ZCC

#	RefDes	Name	Value	Manufacturer	Mfr Pn	Distributor
1	B1	BATTERY RETAINER COIN 20MM SMD	CR2025 / CR2032	TE Connectivity Linx	BAT-HLD-001	https://www.digikey.com/en/products/detail/te-connectivity-linx/BAT-HLD-001/1577235
2	B2	BATTERY LITHIUM 3V COIN 20MM	CR2032	Murata Electronics	CR2032	https://www.digikey.com/en/products/detail/murata-electronics/CR2032/9558425
3	LED1	GENERIC WHITE LED 5MM	WHITE	GENERIC	GENERIC	https://www.amazon.com/gp/product/B01AUI4VQU?th=1
4	R1	GENERIC 220HM 1/4W PTH RESISTOR	22 Ohm	GENERIC	GENERIC	https://www.amazon.com/gp/product/B0DSVV3HR7
5	S1	SWITCH SLIDE SPDT 200MA 30V	SPDT	E-Switch	EG1218	https://www.digikey.com/en/products/detail/e-switch/EG1218/101726



Title		
RFSR_ElectronicsMeritBadgeKit		
Size	Number	Rev
		V1.0.0
Date - 08JUN2025		Drawn by: ZCC
11x17 Tabloid/Ledger		Sheet: 1