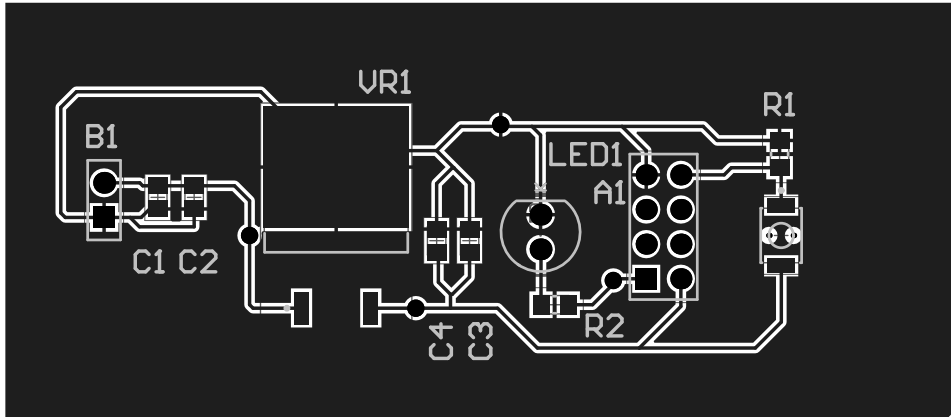


Title		
Size A	Number	Revision
Date: 11/8/2018	Sheet of	
File: C:\Users\...\FlashLight_Circuit.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
TVAF06	Switch, SPST Push Button, 50 mA, 12 V DC, SMD, -30 to 85 degC, RoHS		JNFU- TVAF06_V	CMP-0587- 00001-1	1
Arduino	SQ Post Socket, Through- hole, Vertical, -55 to 105 degC, 2.54mm Pitch, 8-Pin, Female, RoHS	A1	SMTC-SSW- 104-02-X-D	CMP-1023- 00342-1	1
Battery Connector	Press Fit Socket, Through- hole, Vertical, -55 to 125 degC, 2.54 mm Pitch, 2- Pin, Female, RoHS	B1	SMTC-PHF- 102-01-X-S- 002	CMP-1023- 00103-1	1
0.1 uF		C1	CAPC2013X13 5X45NL10T25	CMP-2007- 03551-1	1
10uF		C2, C4	CAPC2013X13 5X45NL10T25	CMP-2007- 03551-1	2
0.1uF		C3	CAPC2013X13 5X45NL10T25	CMP-2007- 03551-1	1
151053YS045 00	THT LED round mono- color waterclear, WL-TMRW, Yellow	LED1	Type 5mm	CMP-1477- 00001-1	1
10K Ohm		R1	RESC2013X60 X35ML10T20	CMP-2001- 01354-1	1
300 Ohm		R2	RESC2013X60 X35ML10T20	CMP-2001- 01354-1	1
Volt Reg	Voltage Regulator	VR1	D2PAK_N	Volt Reg	1