

A

B

C

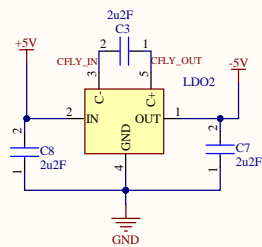
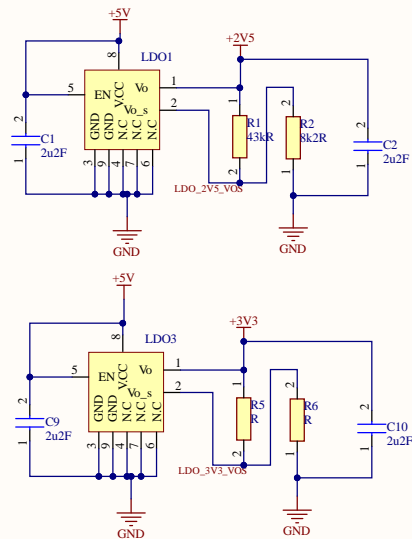
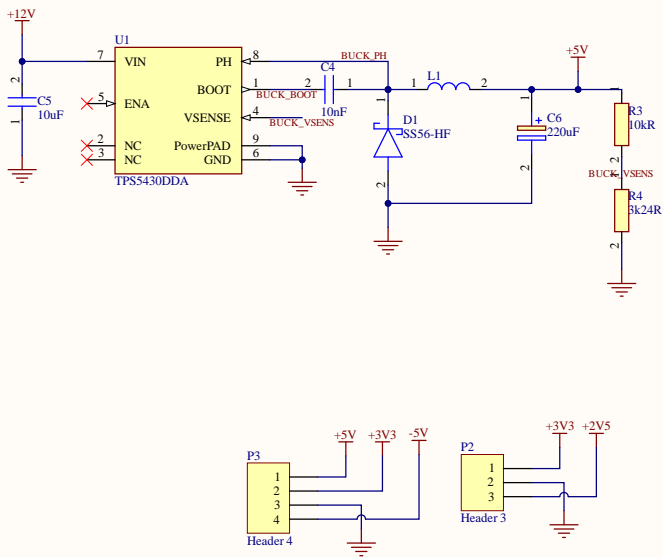
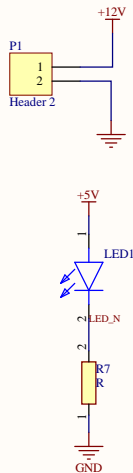
D

A

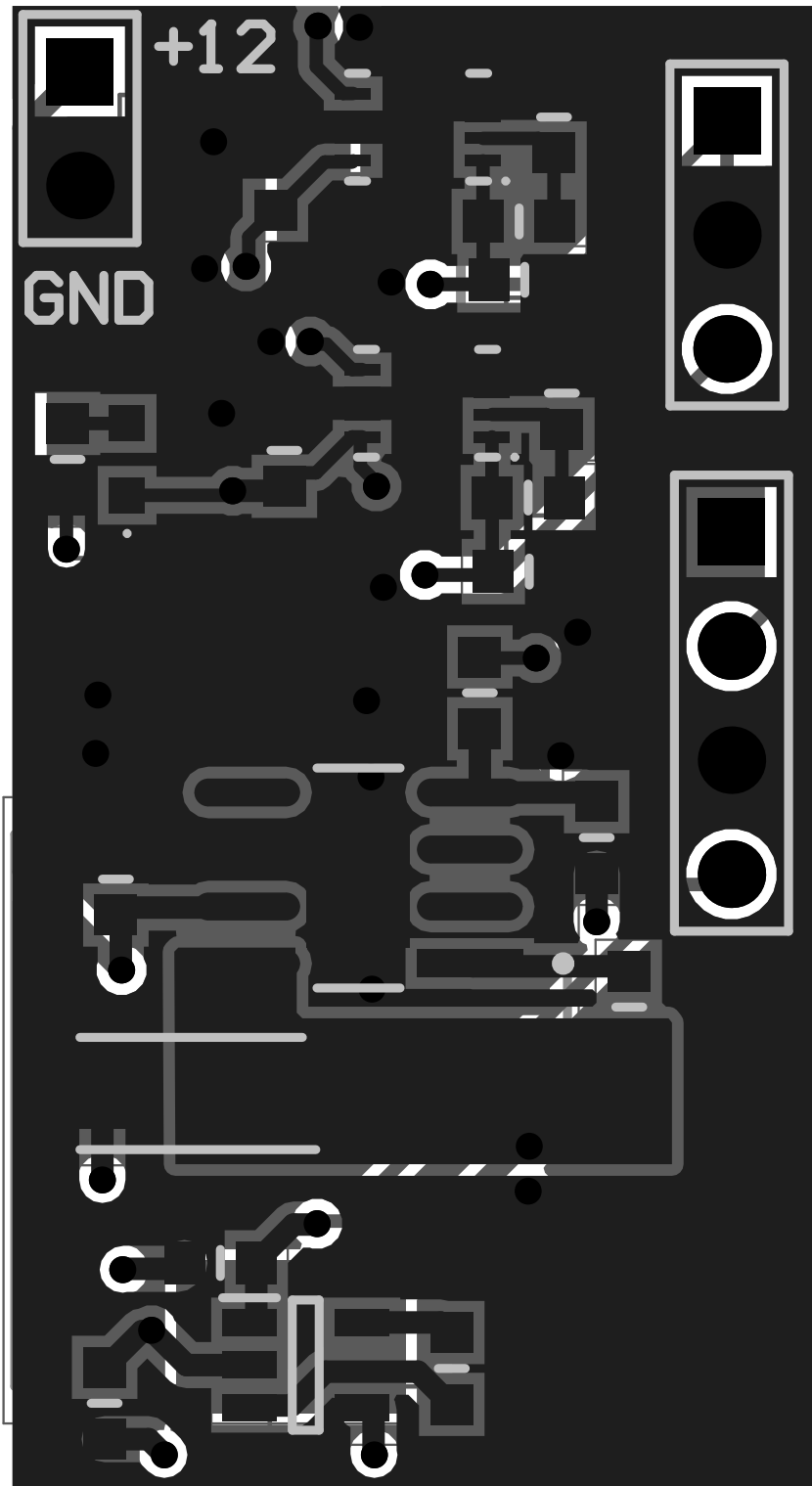
B

C

D



Title		
Size	Number	Revision
A3		
Date:	3-14-2023	Sheet of
File:	C:\Users\...\powerRegulator.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
2u2F		C1, C2, C3, C7, C8, C9, C10	0603	0603C	7
10nF		C4	0603	0603C	1
10uF		C5	0603	0603C	1
220uF	Capacitor Polarised	C6	SMD_Electro_Cap	SMD_Electro_Cap	1
SS56-HF	Schottky Diode	D1	DIOM5025X220N	SS56-HF	1
Inductor	Inductor Power Shielded Wirewound 470uH 10% 1KHz 18Q- Factor Ferrite 0.18A 3.30hm DCR T/R	L1	INDP120120X80N	33uH	1
LDO	IC REG LDO ADJ 0.3A 8VSON	LDO1, LDO3	LDO	LDO	2
-5V LDO	Integrated Circuit	LDO2	-5v_TPS60400DBVR	-5V LDO	1
0603 LED Green	LED	LED1	0603 LED	0603 LED Green	1
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
Header 3	Header, 3-Pin	P2	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P3	HDR1X4	Header 4	1
43kR		R1	0603	0603R	1
8k2R		R2	0603	0603R	1
10kR		R3	0603	0603R	1
3k24R		R4	0603	0603R	1
R		R5, R6, R7	0603	0603R	3
TPS5430DDA	IC REG BUCK ADJUSTABLE 3A 8SOPWR	U1	FP-DDA0008J-IPC_A	BUCK_CMP-2000- 04960-2	1