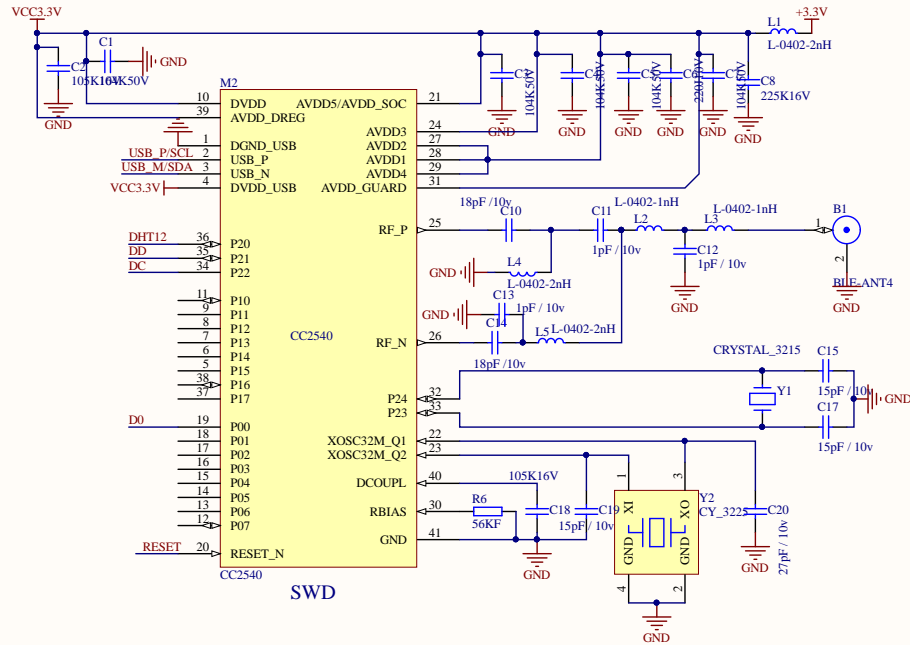
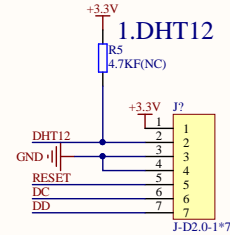


Comment	Description	Designator	Footprint	LibRef	Quantity
BLE-ANT4		B1	BLE-ANT3	ANT	1
104K50V	贴片电容-陶瓷	C1, C3, C4, C5, C7, C	C0603	C0603X7R-104K50V	9
105K16V	贴片电容-陶瓷	C2, C18	C0603	C0603X7R-105K16V	2
220J10V	贴片电容-陶瓷	C6	C0402	C0402X7R-220J10V	1
225K16V	贴片电容-陶瓷	C8	C0603	C0603X7R-225K16V	1
18pF / 10v	贴片电容-陶瓷	C10, C14	C0402	C0402X7R-101J10V	2
1pF / 10v	贴片电容-陶瓷	C11, C12, C13	C0402	C0402X7R-101J10V	3
15pF / 10v	贴片电容-陶瓷	C15, C17, C19	C0402	C0402X7R-101J10V	3
27pF / 10v	贴片电容-陶瓷	C20	C0402	C0402X7R-101J10V	1
475K16V	贴片电容-陶瓷	C21	C0603	C0603X7R-475K16V	1
106K50V	贴片电容-陶瓷	C22, C24, C26	C0603	C0603X7R-106K50V	3
LED0603G(ORF)	贴片二极管-LED	D1	D-LED0603G	DLED-0603-G	1
LED0603G	贴片二极管-LED	D5	D-LED0603G	DLED-0603-G	1
ESDA_TR1/0603	Zener Diode	D6, D7	HS_0603D	D Zener	2
LED0603G (NC)	贴片二极管-LED	D8	D-LED0603G	DLED-0603-G	1
J-D2.54-1*2	J-D2.54-1*2	J3	D2.54-1*2P	J-D2.54-1*2单排	1
USB-MINI-SOCKET	USB-A卧式插座	J4	MICRO-USB - 5.9	J-USB-MINI-SOCKE	1
J-D2.0-1*7	J-D2.0-1*7	J?	D-2.0-1*7	J-D2.0-1*7单排	1
SS-12D00	SS-12D00	K1	SS-12D00	SS-12D00(1P2T) 立式	1
L-0402-2nH	贴片电感-层叠	L1, L4, L5	L0402	L-0402-2nH	3
L-0402-1nH	贴片电感-层叠	L2, L3	L0402	L-0402-2.2nH	2
CC2540	CC2540	M2	CC254X_QFN	CC2540	1
PHONE		P1		PHONE	1
1KF	贴片电阻-通用	R1	R0603	R0603-1KF	1
10KF	贴片电阻-通用	R2, R3	R0603	R0603-10KF	2
5KF	贴片电阻-通用	R4, R12	R0603	R0603-10KF	2
4.7KF(NC)	贴片电阻-通用	R5	R0603	R0603-4.7KF	1
56KF	贴片电阻-通用	R6	R0603	R0603-47KF	1
R0603-15KF	贴片电阻-通用	R8	R0603	R0603-15KF	1
470RF	贴片电阻-通用	R9, R10	R0603	R0603-470RF	2
1KF(NC)	贴片电阻-通用	R11	R0603	R0603-1KF	1
sw420	常闭振动传感器	S1	sw420	sw420	1
LM393-DR	双路比较器	U1	LM393	LM393-DR	1
MCP73831	charge IC	U2	SOT23-5N	MCP73831	1
AMS1117_3.3V	AMS1117_3.3V	U3	SOT-223	AMS1117-3.3V	1
CRYSTAL_3215	CRYSTAL_3215, 两	Y1	CRYSTAL_3215	CRYSTAL_3215	1
CY_3225	CY_3225	Y2	CY_3225	CY_3225	1

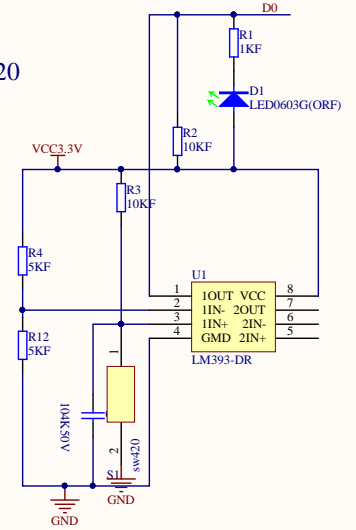
CC2540 主控



1.DHT12



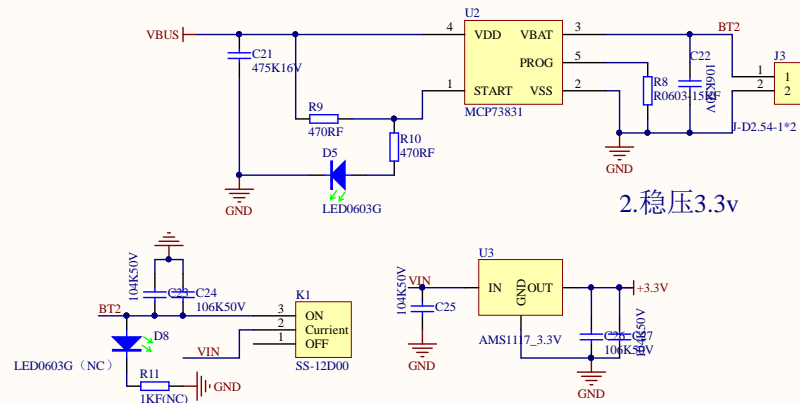
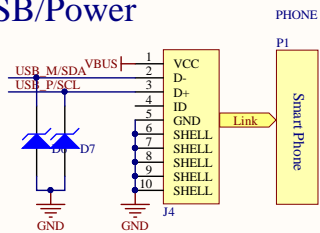
2.SW420



- 1.D0 : 振动传感器信号线;
2. R4,R12 代替精密可调电阻, R4+R12=10KF
3. V (同相端>反), Vout 输出高电平

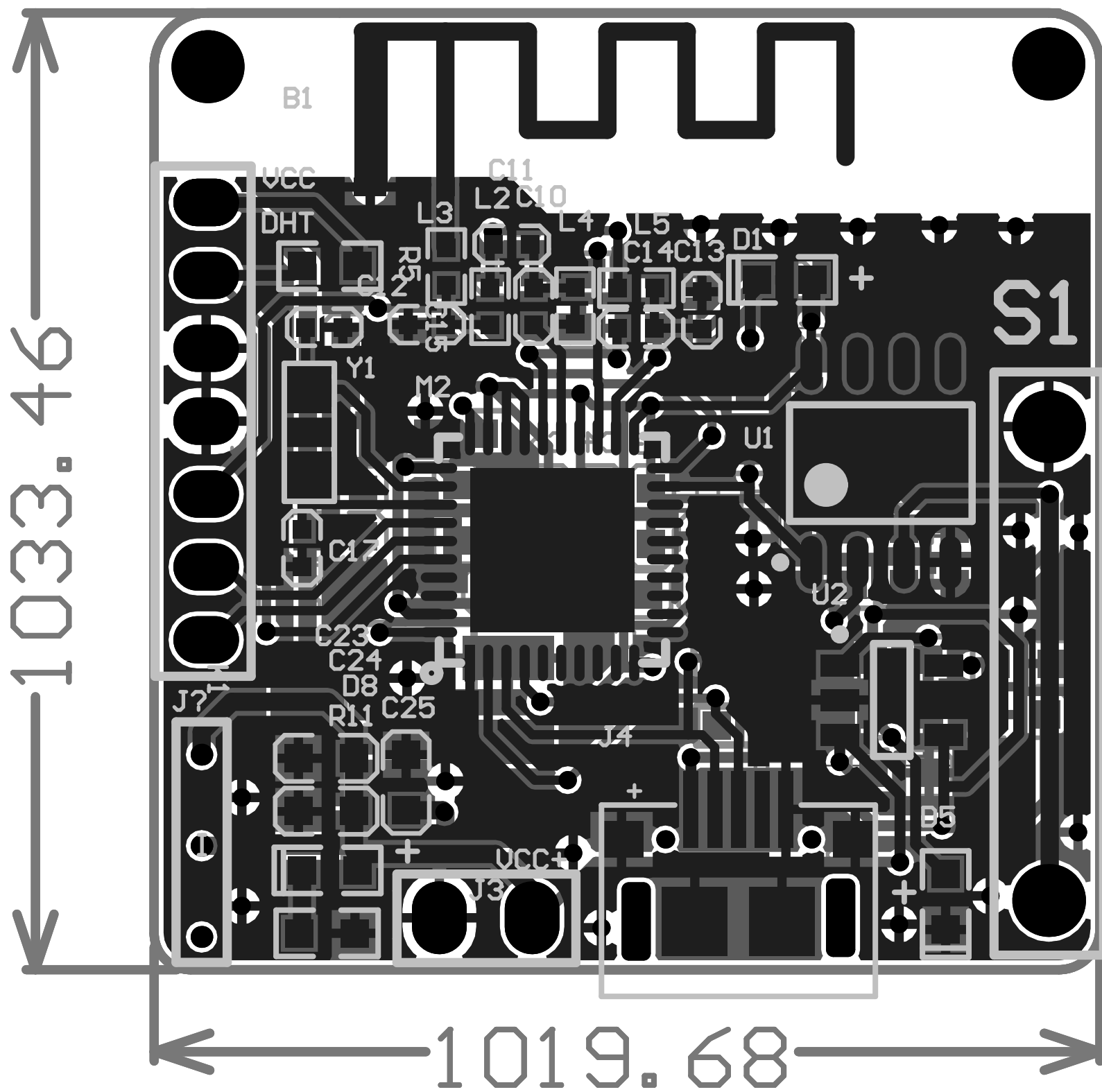
Power_division

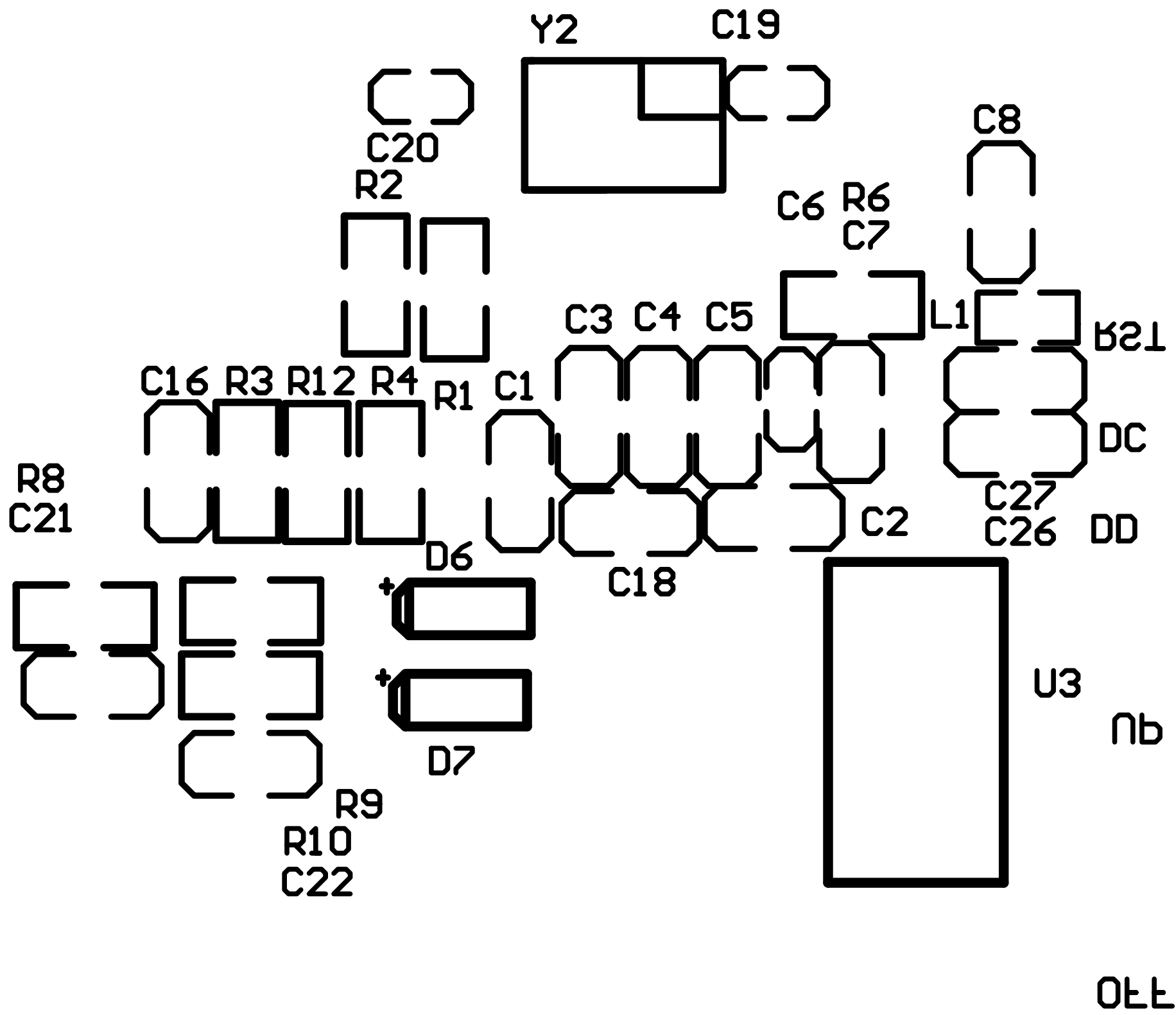
USB/Power



- 1.MCU: CC2540 主控芯片
2. 接口: USB, sdw
3. LED: IO-P1.3 ;
4. 电池: 可充电锂电池
5. Sensor: DHT12 and SW420

Title		
Size	Number	Revision
A3		
Date:	2019/3/16	Sheet of
File:	D:\2018_hust_files\...\CC254x.SchDoc	Drawn By:





B1

