

A

B

C

D

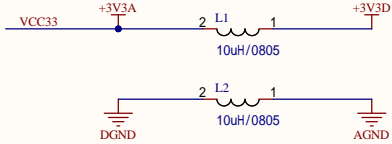
A

B

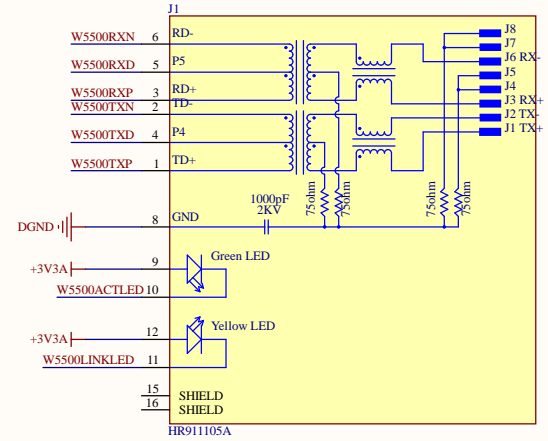
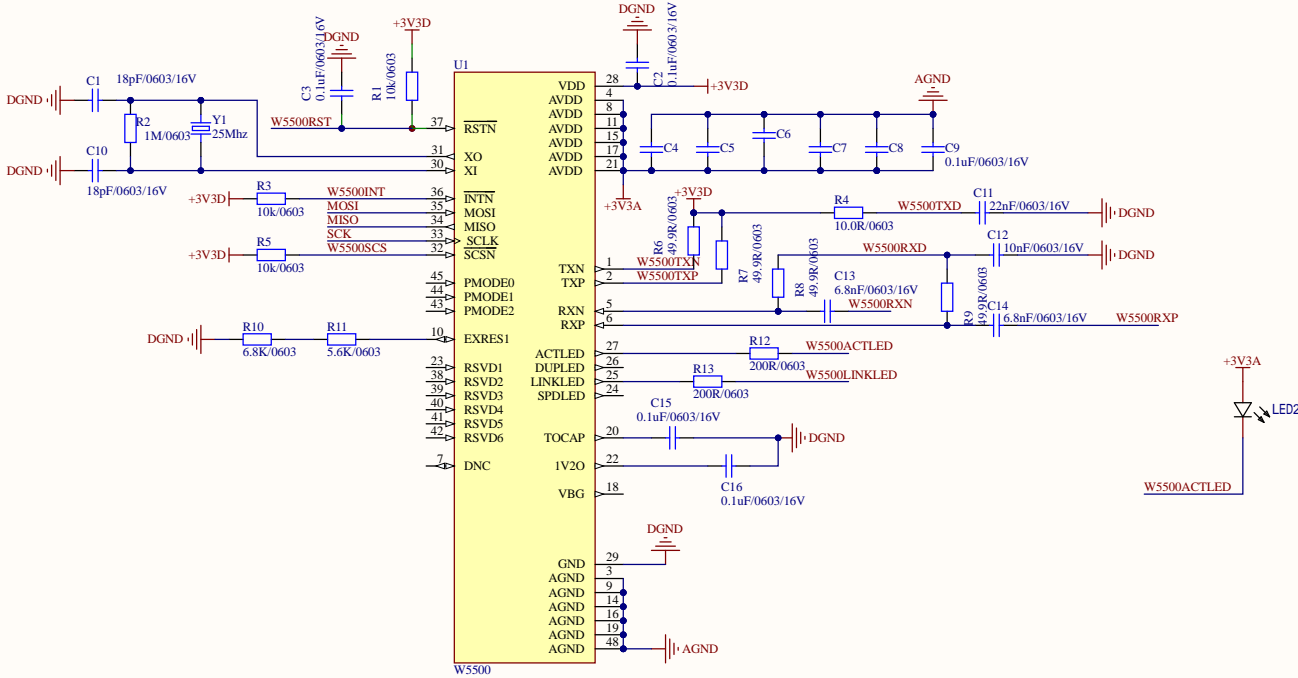
C

D

这里的两个电感需要更换



	W5100S		W5500		W5100	
	典型值	最大值	典型值	最大值	典型值	最大值
100M	93mA	110mA	128mA		138mA	183mA
10M	150mA	170mA	75mA		146mA	183mA
节能模式	17mA	X	13mA	X	X	X



<https://docs.wiznet.io/Product/Wi-Fi-Module/WizFi360/documents>

https://docs.wiznet.io/img/products/w5500/w5500_sch_v110_use_mag.pdf

<https://oshwhub.com/li-chuang-zhi-neng-ying-jian-bu/w5500-yi-tai-wang-xin-pian-11fb-05nl-wang-kou-bian-ya-qi>

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$$R_1 = \frac{(V_{OUT} - V_{REF}) \times R_2}{V_{REF}} \quad (1)$$

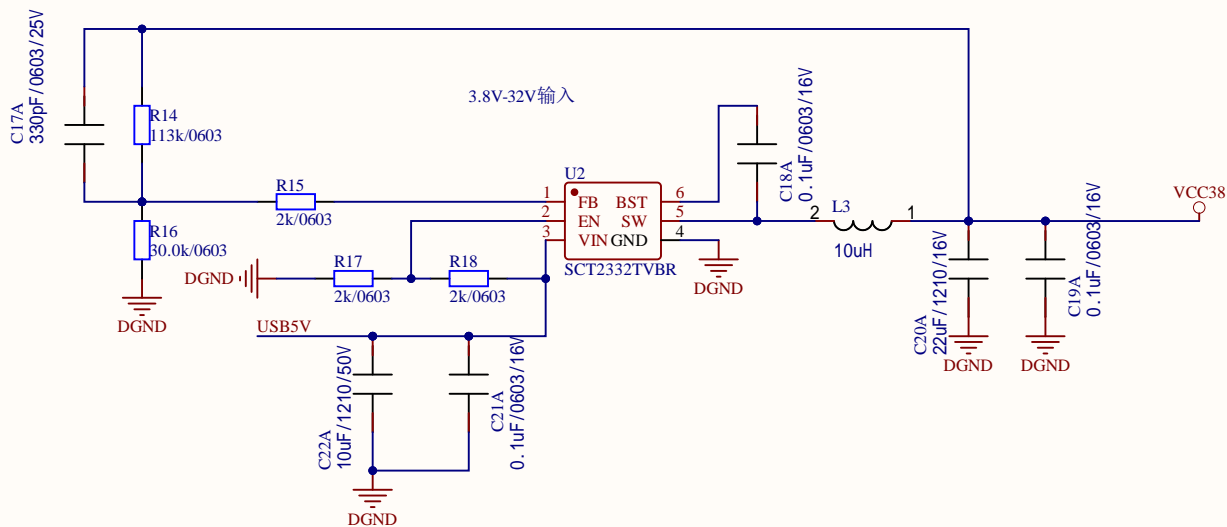
where:

- V_{REF} is the feedback reference voltage, typical 0.8V

Table 3. Feedback Resistor Value for Output Voltage

Table 3. Feedback Resistor Value for Output Voltage

Vout	L1	COUT	R1	R2	R3	R5	C8
3.3V	6.5uH	3*22uF	93.5k	30k	49.9	2k	68p
5V	10uH	3*22uF	158k	30k	49.9	2k	68p
12V	22uH	3*22uF	422k	30k	49.9	2k	330p

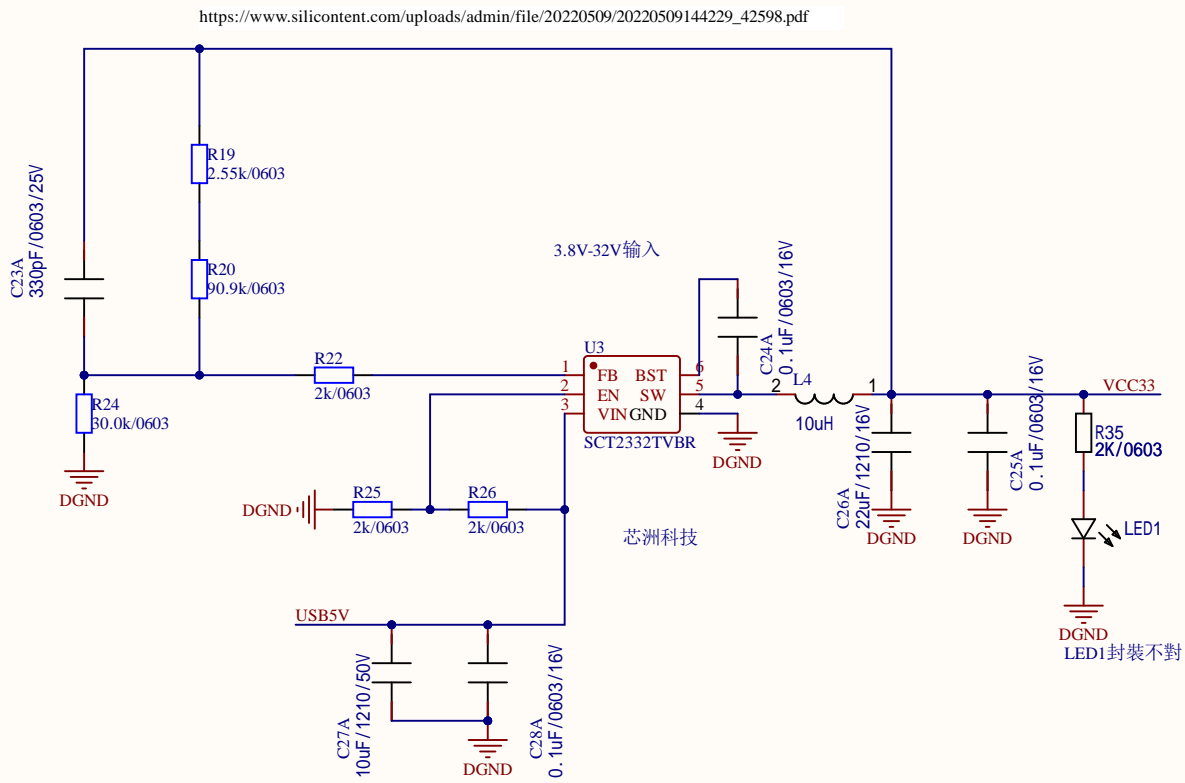


R14: 3.8V-113k; 4.0v-120k; 127.5k-4.2v

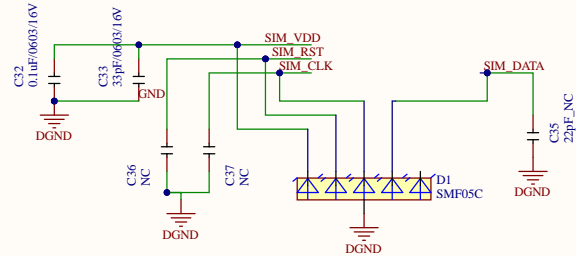
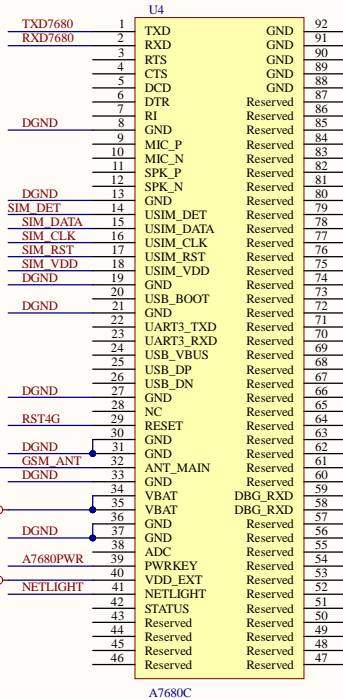
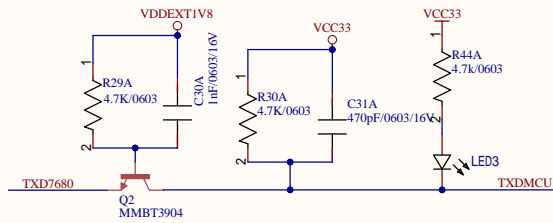
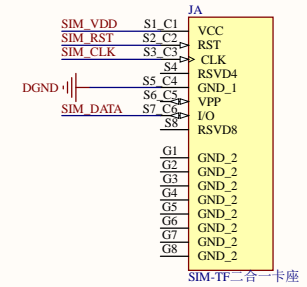
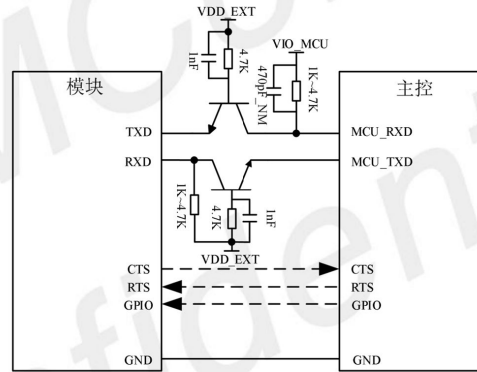
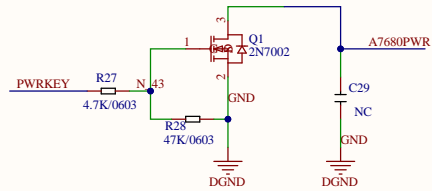
芯洲科技

https://www.silicontent.com/uploads/admin/file/20220509/20220509144229_42598.pdf

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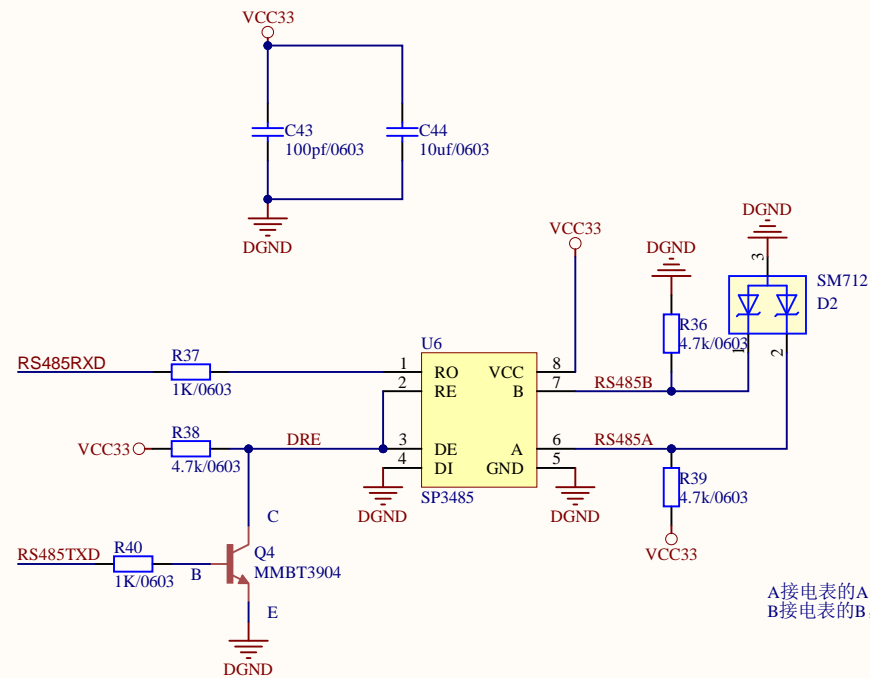


参考官网: <https://cn.simcom.com/product/A7680C.html>

Table 8: VBAT Pin electrical parameters

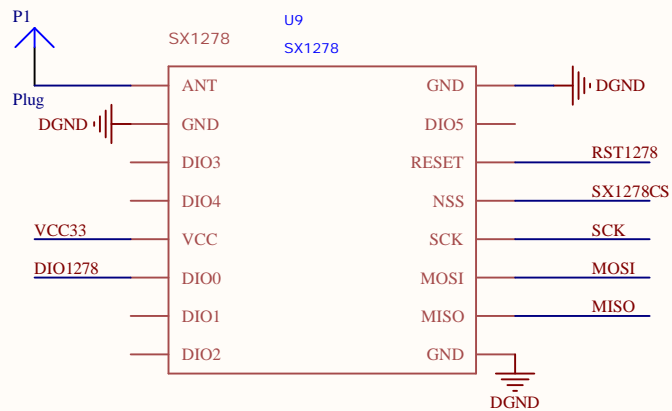
Parameter	Description	Min	Typ.	Max	Unit
VBAT	Module supply voltage	3.4	3.8	4.2	V
I _{VBAT} (peak)	Module consumption peak current	-	2	-	A

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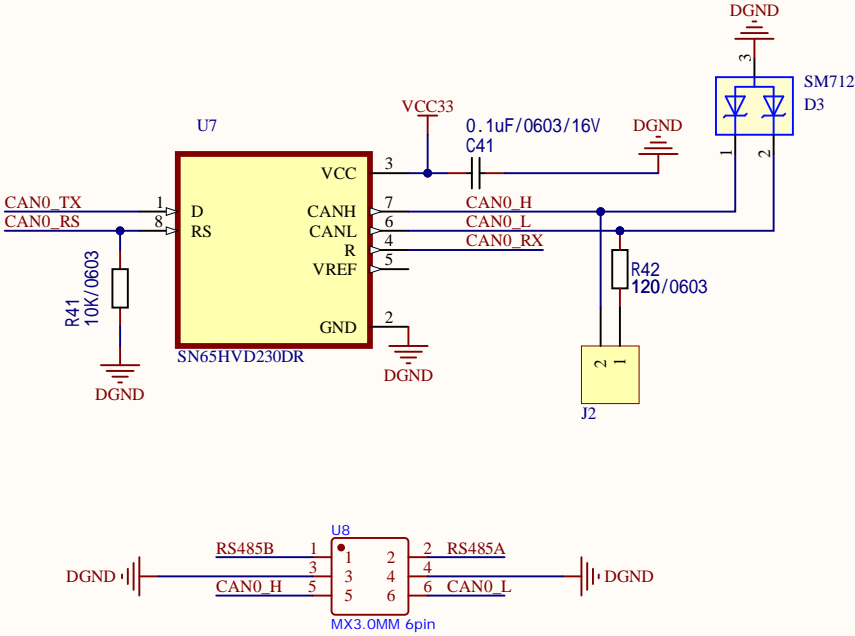
A接电表的A, 也就是9或者11脚
B接电表的B, 也就是10或者12脚

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typical power when working at 433 MHz: TX: 93 mA. RX: 12.15 mA. standby 1.6 mA.

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https://item.taobao.com/item.htm?ali_refid=a3_420434_1006:1110674771:N:DX2zgsJH%20SkPV%200jSWdjCA==:e5badb2c1c3f2760ff6477d404e44136&ali_trackid=1_e5badb2c1c3f2760ff6477d404e44136&id=607781739803&sku_properties=1627207:3419922;-2;-2&spm=a21n57.1.0.0

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