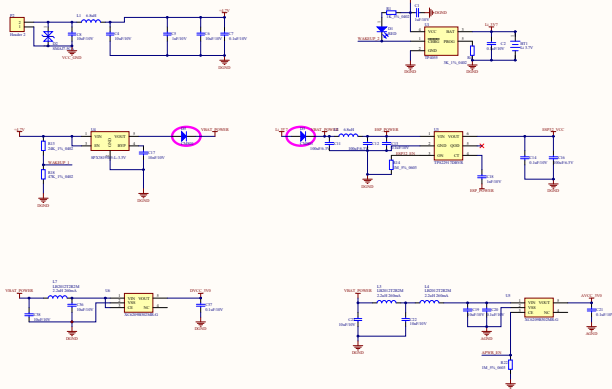
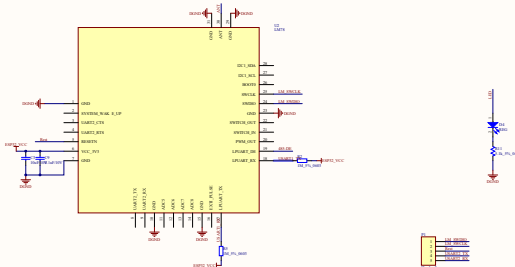


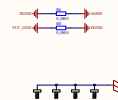
## 电源



## Lora部分



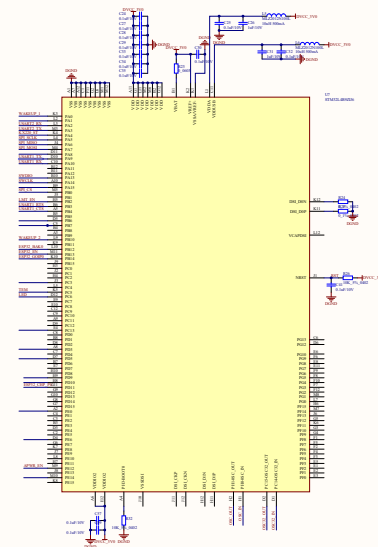
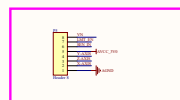
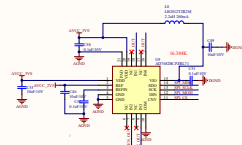
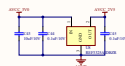
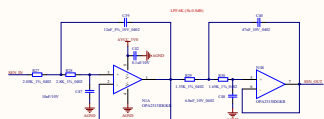
## 接地柱



## 加速度

加速度范围: 0.1g ~ 16g

加速度精度: 0.001g



Comment	Description	Designator	Footprint	LibRef	Quantity
L13.7V	锂离子电池	B11	HDR2.54-L1-3P	Battery	1
1uF/10V	贴片电容 容 1uF, 5%, 10V_0402, 贴片电容 容 1nF_XSR_10%, 10V_0402	C1, C5, C26, C31	0402C	CAP	4
10uF/10V	10uF_XSR_10%, 10V_0603, 贴片电容 容 10uF_10V_0603, 贴片电容 容 10uF_XSR_10%, 10V_0603, 贴片电容 容 10uF_XSR_10%, 10V_0603	C3, C4, C6, C8, C19, C22, C23, C36, C38, C43, C46, C49, C53	0603C	CAP	13
0.1uF/10V	贴片电容 容 0.1uF, 5%, 10V_0402, 贴片电容 容 0.1uF_10V_0402, 贴片电容 容 0.1uF_XSR_10%, 10V_0402	C7, C13, C14, C30, C21, C24, C25, C27, C28, C29, C30, C32, C33, C34, C35, C37, C41, C42, C44, C45, C50, C51, C54, C56, C57, C58, C59	0402C	Cap	27
0.1uF/10V	0.1uF_XSR_10%, 10V_0603	C9	0603C	CAP	1
100uF/6.3V	贴片电解电容 100uF_XSR_20%, 6.3V_1206	C11, C12, C16	1206C	CAP	3
10nF/10V	贴片电容 容 10nF_5%, 10V_0402, 贴片电容 容 10nF_XSR_10%, 10V_0402	C17, C47	0402C	CAP	2
1nF/10V	贴片电容 容 1nF_XSR_10%, 10V_0402	C18	0402C	CAP	1
12nF_5%, 10V_0402	贴片电容 容 12nF_5%, 10V_0402	C39	0402C	CAP	1
47nF_10V_0402	贴片电容 容 47nF_10V_0402	C40	0402C	CAP	1
6.8nF_10V_0402	贴片电容 容 6.8nF_10V_0402	C48	0402C	CAP	1
10uF_10V	贴片电容 容 10uF_10V_0603	C52	0603C	CAP	1
3.3nF	贴片电容 容 3.3nF_10V_0402	C80, C82, C89	0402C	CAP	3
2pF_NPO_5%, 50V_0402	贴片电容 容 2pF_NPO_5%, 50V_0402, 贴片电容 容 2pF_NPO_5%, 50V_0402	C81, C83	0402C	CAP	2
4.3pF_NPO_5%, 50V_0402	贴片电容 容 4.3pF_NPO_5%, 50V_0402	C84, C70	0402C	CAP	2
RED	贴片LED 红色 0805	D1	LED 0805G	LED0	1
SMAJ7.5CA	瞬态抑制二极管 容 SMAJ7.5CA, 3MA	D2	SMA	ESD_D	1
CMS01	TOSHIBA肖特基二极管 SMA, 低电压 TOSHIBA肖特基二极管 SMA, 低电压 3.3V正向	D3, D5	SMA	Diode 1N4007	2
REG	贴片LED 蓝色 0805	D4	LED 0805B	LED0	1
ESD6Z3V3	ESD - 二极管	D6	SC0-623	DIODE	1
6.8uH	风华高科 JHA62-6R8MT_3A.6 8uH±5% 252 10uH	L1, L2	NR6020	Inductor	2
LE2012T2R2M	Taiyo Yuden固定电感器0805, 固定电感器0805	L3, L4, L7, L8	L 0805	Inductor	4
MLZ2012N100L	TDK固定电感器 10uH	L5, L6	L 0805	Inductor	2
OPA2313DGKR	精密运放	N1	MSOP8_M	OP262	1
OPA4171AIPWR	2.0V同相、单摆缓冲器, 5uA	N2	TSSOP14_L	OPA4171AIPWR	1
Header 5	Header, 5-Pin	P1, P4	HDR2.0-L1-5P	Header 5	2
Header 8	Header, 8-Pin	P6	FFC1.02H-WS-8P	Header 8	1
MMBT3904	二极管 NPN	Q2	SCOT23-3N	2N3904	1
1K_5%, 0402	贴片电阻 阻 1K_5%_0402	R1	0402R	Res2	1
1M_5%, 0603	贴片电阻 阻 1M_5%_0603	R2, R5	0603R	Res2	2
0_0805	贴片电阻 阻 0_5%_0805	R6, R8	0805R	Res2	2
5.1k_5%, 0402	贴片电阻 阻 5.1k_5%_0402	R11	0402R	RES	1
24K_1%, 0402	贴片电阻 阻 24K_1%_0402	R13	0402R	Res2	1
1M_5%, 0603	贴片电阻 阻 1M_5%_0603, 贴片电阻_0603	R14, R22	0402R	Res2	2
47K_1%, 0402	贴片电阻 阻 47K_1%_0402	R18	0402R	Res2	1
100k	贴片电阻 阻 100K_1%_0402	R20	0402R	Res2	1
7.5K	贴片电阻 阻 7.5K_1%_0402	R21	0402R	Res2	1
0_0603	贴片电阻_0603	R23	0402R	Res2	1
0_1%, 0402	贴片电阻 阻 0_1%_0402	R24, R25	0402R	Res2	2
10K_5%, 0402	贴片电阻 阻 10K_5%_0402	R26, R32	0402R	Res2	2
2.05K_1%, 0402	贴片电阻 阻 2.05K_1%_0402	R27	0402R	Res2	1
2.8K_1%, 0402	贴片电阻 阻 2.8K_1%_0402	R28	0402R	Res2	1
1.33K_1%, 0402	贴片电阻 阻 1.33K_1%_0402	R29	0402R	Res2	1
1.65K_1%, 0402	贴片电阻 阻 1.65K_1%_0402	R30	0402R	Res2	1
32K_1%, 0402	贴片电阻 阻 32K_1%_0402	R31, R33, R34	0402R	Res2	3
LM78	Low功耗 LoRaWAN LM78 天津中电微电子技术有限公司	U2	LM78	LM78	1
TPS22917DBVR	1V至5.5V, 2A, 80mΩ 超低漏电流 无过流	U3	SCOT23-6	TPS22917DBVR	1
SPX3819M5-L-3.3V	低功耗 LDO, SPX3819M5-L-3.3V, SCOT23-6	U4	SOT23-5L	CAT6219	1
XG3209B302MR-G	低噪声线性稳压器 (LDO)	U5, U6	SOT23-5N	XC6209B332-G	2
STM32L4R92U6	STM32L4R92U6	U7	UF8GA144	Component_1	1
REF325AIDBZR	1.25V电压基准	U8	SOT23-3N	R	1
AD7682BOPZRL71	16位 250kSPS 500kVFS 电压型数模转换器	U9	LFCSIP-20	AD7682BOPZRL71	1
NK32155A-32.768KHz	无源晶振 32.768KHz 10ppm	X1	OSC 3215-3P	XTAL_6032_3P	1
EXS325GD-8MHz	NEC无源晶振 8MHz	X2	OSC 3225-2P	XTAL	1