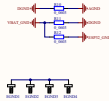


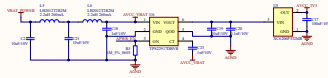
外部供电



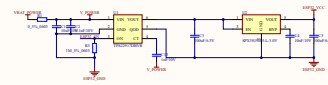
接地回路



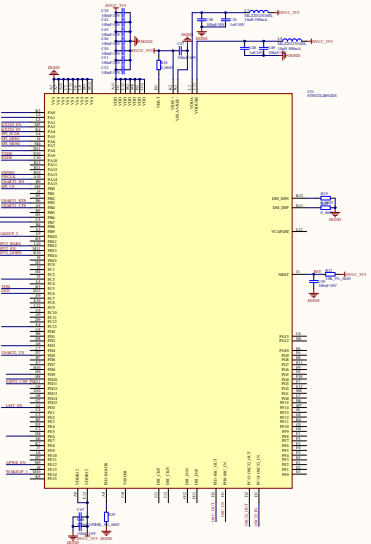
模拟电源



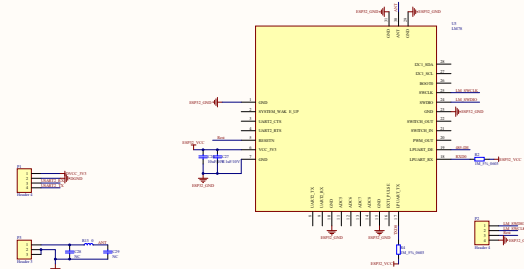
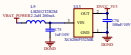
LORA



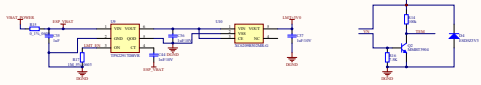
MCU



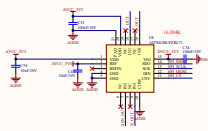
系统供电



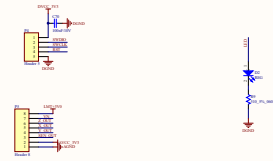
LMT01



AD



参考电压



名称	值
VCC	3.3V
GND	0V

Comment	Description	Designator	Footprint	LibRef	Quantity
Li 3.7V	能量型锂电池	BT1	PH2.0-WI-2P	Battery	1
10uF/ 10V	10uF_X5R_10%_10V_0603	C1, C11, C19, C21, C22, C26	0603C	CAP	6
0.1uF/ 10V	0.1uF_X5R_10%_10V_0603	C2, C12, C20, C27	0603C	CAP	4
100uF/ 6.3V	100uF_X5R_20%_6.3V_1206	C3, C5	1206C	CAP	2
10nF/ 10V	10nF_X7R_10%_10V_0603	C4	0603C	CAP	1
1nF/ 10V	1nF_X7R_10%_10V_0603	C13, C23, C44	0603C	CAP	3
100nF/ 10V	100nF_X5R_10%_10V_0603	C17, C34, C38, C40, C42, C45, C46, C47, C49, C50, C51, C52, C59, C67, C68, C70, C74	0603C	CAP	17
1uF/ 10V	1uF_X5R_10%_10V_0603	C18, C31, C32, C36, C37, C41, C48, C75	0603C	CAP	8
100nF/ 10V	100nF_X5R_10%_10V_0603	C33	0402C	CAP	1
1uF	1uF_X5R_10%_10V_0603	C35	0603C	Cap	1
10uF/ 10V	10uF_X5R_10%_10V_0603	C39, C43	0402C	CAP	2
2pF_NPO_5%_50V_0603	2pF_NPO_5%_50V_0603	C72, C73	0603C	CAP	2
4.3pF_NPO_5%_50V_0603	4.3pF_NPO_5%_50V_0603	C77, C79	0603C	CAP	2
REG	贴片LED 蓝灯1206	D2	LED 0805B	LED0	1
ESD5Z3V3	ESD 二极管	D4	SOD-523	DIODE	1
LB2012T2R2M	Taiyo Yuden固定电感器0805, 固定电感器0805	L5, L6, L9	L 0805	Inductor	3
MLZ2012N100L	TDK固定电感器10uH	L7, L8	L 0805	Inductor	2
Header 4	Header, 4-Pin	P1, P2	HDR2.0-LI-4P	Header 4	2
Header 3	SMA 偏脚射频天线座 1.6mm	P3	SMA-KE	Header 3	1
Header 5	Header, 5-Pin	P4	HDR2.0-LI-5P	Header 5	1
Header 8	Header, 8-Pin	P5	FPC1.0-2H-WS-8P	Header 8	1
MMBT3904	三极管_NPN	Q2	SOT23-3N	2N3904	1
0_5%_0603	1M_5%_0603	R1	0603R	Res2	1
1M_5%_0603	1M_5%_0603	R2, R3, R4, R5, R17	0603R	Res2	5
510_5%_0603	510_5%_0603	R9	0603R	RES	1
0_0603	0_0603, 贴片电阻0603	R10, R11, R12, R18, R19, R20	0603R	Res2	6
0		R13	0603R	L0.2	1
100k	100K_1%_0603	R14	0603R	Res2	1
0_1%_0603	0_1%_0603	R15	0603R	Res2	1
7.5K	7.5K_1%_0603	R16	0603R	Res2	1
10K_5%_0603	贴片电阻0603	R21, R29	0603R	Res2	2
TPS22917DBVR	1V至5.5V、2A、80mΩ 超低泄漏负载开关	U1, U6, U9	SOT23-6	TPS22917DBVR	3
SPX3819M5-L-3.0V	低压差700mVLDO	U2	SOT23-5	CAT6219	1
LM78	Lora模块 LoRaWAN LM78 天津中科智城网络技术有限公司	U3	LM78	LM78	1
XC6206P332MR	低压差线性稳压(LDO)_SOT23, 贴片集成电路	U5, U13	SOT23-3N	XC6206P282R	2
REF3330AIDBZR	参考电压 3V 5mA	U7	SOT23-3N	R	1
AD7682BCPZRL71	ADI 16位 250KSPS PuiSAR数模转换器	U8	LFCSP-20	AD7682BCPZRL71	1
XC6209B302MR-G	低压差线性稳压(LDO)	U10	SOT23-5	XC6209B332-G	1
STM32L4R9ZIJ6		U11	UFPGA144	Component_1	1
NX3215SA-32.768KHZ-EXS00A-MU00525	无源晶振 32.768KHz 10ppm	X1	OSC 3215-2P	XTAL_5032_2P	1
NX3225GD-8MHZ-S	NDK无源晶振 8MHz	X2	OSC 3225-2P	XTAL	1