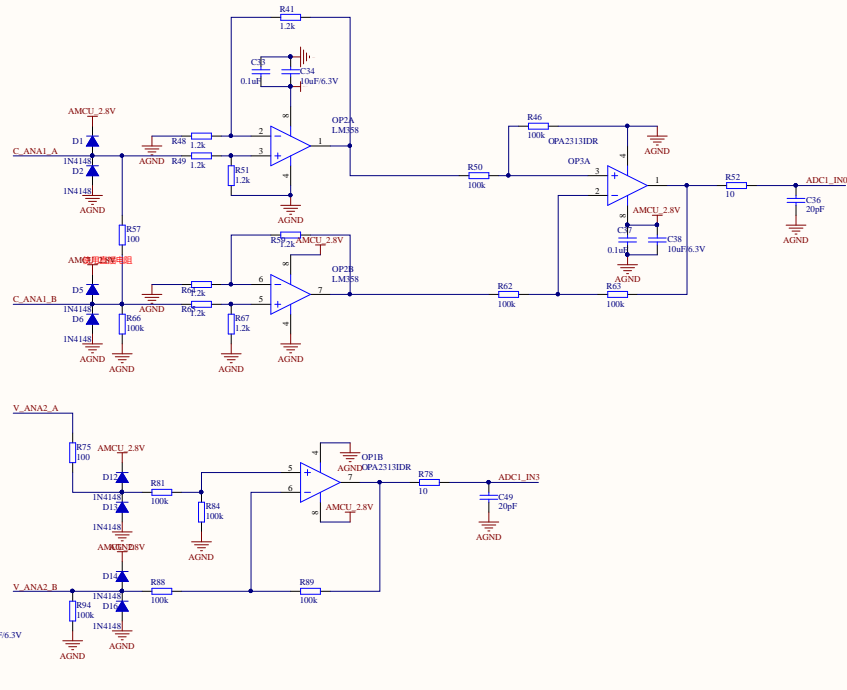
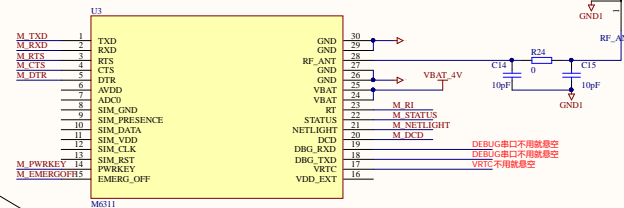
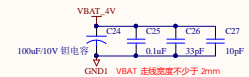
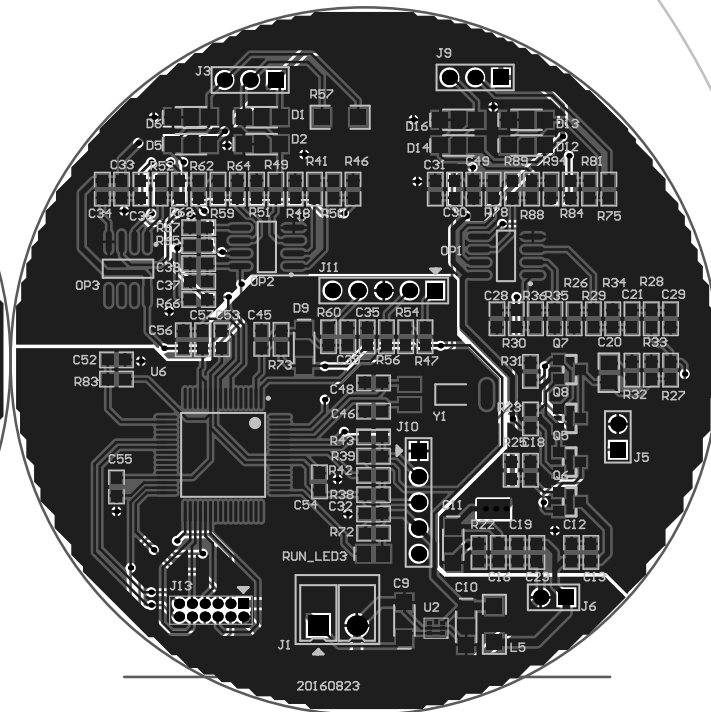
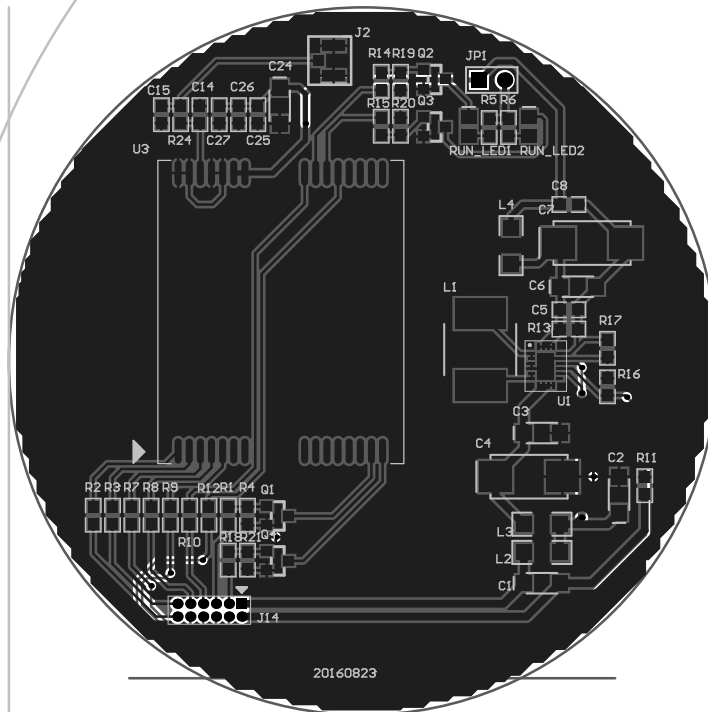


## A



Title		
Size A2	Number	Revision
Date:	2016/9/29	Sheet of
File:	E:\project\1.热网系统_SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
22uF/10V	Capacitor	C1, C2, C9, C10, C11, C101	CAP-1206	CAPACITOR	6
0.1uF	Capacitor	C12, C19, C25, C30, C32, C33, C35, C37, C39, C53, C54, C55,	0603-1	CAP	14
3.3nF	Capacitor	C13	0603-1	CAP	1
10pF	Capacitor	C14, C15, C27	0603-1	CAP	3
10uF/6.3V	Capacitor	C16, C23, C31, C34, C38, C45, C52, C59	0603-1	CAP	8
430pF	Capacitor	C18	0603-1	CAP	1
3.3uF	Capacitor	C20	0805-1	CAP	1
1.0nF	Capacitor	C21	0603-1	CAP	1
100uF/10V 铝电容	Capacitor	C24	CAP-1206	CAPACITOR	1
33pF	Capacitor	C26	0603-1	CAP	1
20pF	Capacitor	C28, C36, C49	0603-1	CAP	3
3.9nF	Capacitor	C29	0603-1	CAP	1
6.8pF	Capacitor	C46, C48	0603-1	CAP	2
1uF	Capacitor	C52	0603-1	CAP	1
4.7uF/50V	Capacitor	C102	1206	CAP	1
470pF/50V	Capacitor	C103	0603-1	CAP	1
1N4148	一般二极管	D1, D2, D5, D6, D9, D12, D13, D14, D16	CAP-1206	DIODE	9
B230/A-13-FR2A/30V	B230/A	D102	D-SMA	DIODE	1
Header 2	Header, 2-Pin	J1, J20	SIP3.81-2A-H	Header 2	2
RF_ANT		J2	U.FL-SMT	RF_ANT	1
CON3	Connector	J3, J9	HDR3X1-2.54	CON3	2
Header 2	Header, 2-Pin	J5, J6	HDR2X1-2.54	Header 2	2
Header 4	Header, 4-Pin	J10, J11	HDR1X5	Header 4	2
CON12	Connector	J13, J14, J15, J16	HDR2X6 1.27	CON12	4
JUMPER2	Jumper	JP1	HDR2X1-2.54	JUMPER2	1
60R/3A 磁珠	磁珠	L2, L5	1206	INDUCTOR	2
10uH/1.2A 铁氧体电感	磁珠	L101	CD54	INDUCTOR	1
OPA2313IDR		OP1, OP3	SOIC-8	OPA2313IDR	2
LM358		OP2	SOIC-8	LM358	1
DTC143ZKA	NPN Transistor	Q1, Q2, Q3, Q4	SOT-23	NPN	4
Q2N5087	PNP Transistor	Q5	SOT-23	PNP	1
s8050	NPN Transistor	Q6	SOT-23	NPN	1
PMBFJ309		Q7, Q8	SOT-23	JFET N	2
4.7k		R1, R14, R15, R18, R38, R39	0603-1	RES2	6
100		R2, R3, R7, R8, R9, R10, R12, R33, R42, R43, R75, R76, R77, R78	0603-1	RES2	13
47k		R4, R19, R20, R21	0603-1	RES2	4
300		R5, R6, R72	0603-1	RES2	3
0		R11, R22, R24, R83	0603-1	RES2	4
150		R23, R27	0603-1	RES2	2
10K		R25, R54, R73, R101, R103	0603-1	RES2	5
100k		R26, R29, R36, R46, R50, R62, R63, R66, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99	0603-1	RES2	13
220		R28	0603-1	RES2	1
10		R30, R52, R78	0603-1	RES2	3
22M		R31	0603-1	RES2	1
1.5		R32	0603-1	RES2	1
22k		R34	0603-1	RES2	1
1k		R35	0603-1	RES2	1
1.2k		R41, R48, R49, R51, R59, R64, R65, R67	0603-1	RES2	8
47		R47, R56, R60	0603-1	RES2	3
100		R57	1206	RES2	1
1M		R100, R104	0603-1	RES2	2
165k		R102	0603-1	RES2	1
红色		RUN_LED1, RUN_LED2, RUN_LED3	LED-0805	LED	3
NCP170		U2	SOT-563	NCP170	1
M6311		U3	M6311	M6311	1
STM8L152R6T		U6	LQFP-64	STM8L152R6	1
LMR62421XMF		U101		LMR62421XMF	1
32.768kHz	Crystal	Y1	X-TC15	CRYSTAL	1
NSK3225 32.768kHz		Y2	X-3225	NSK3225 32.768kHz	1