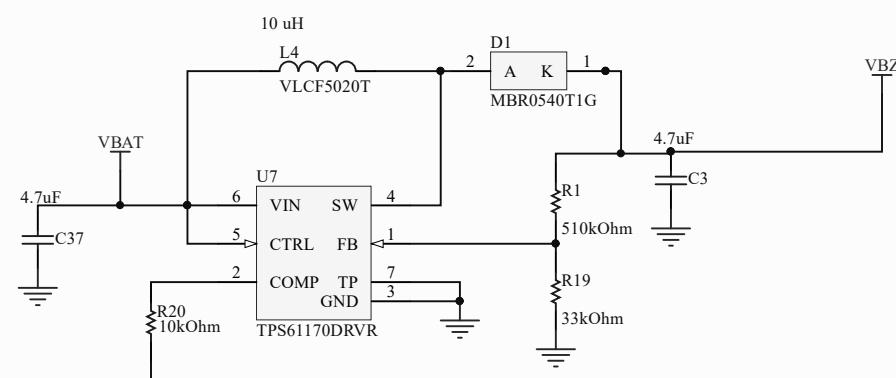
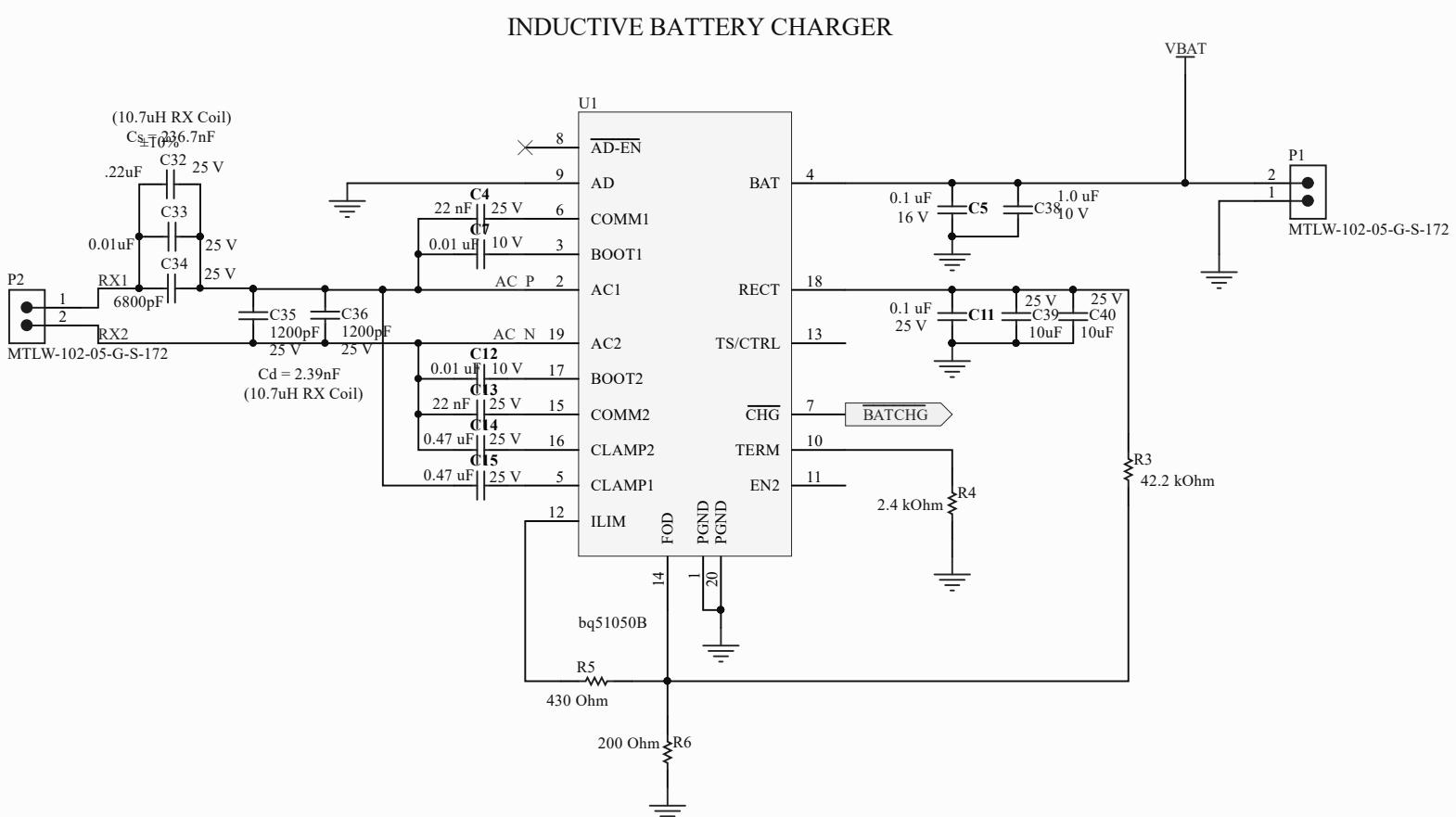


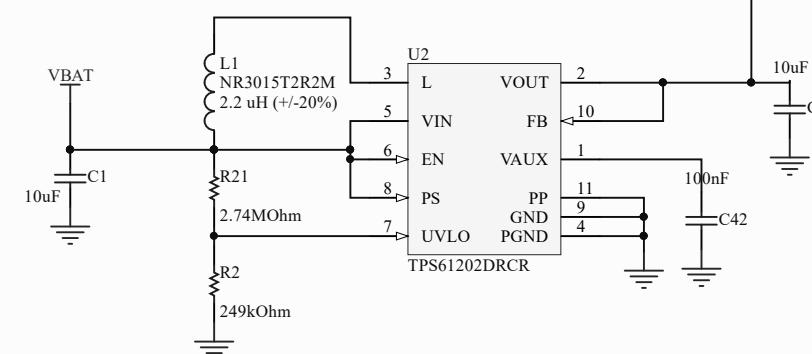
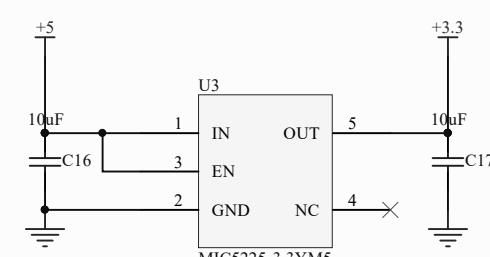
A



B

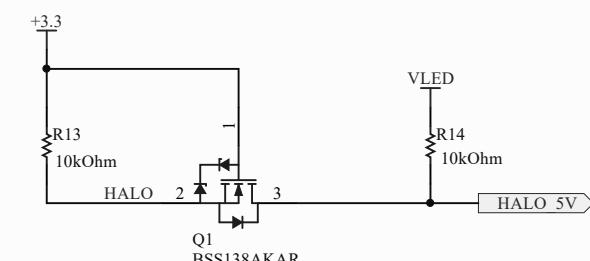
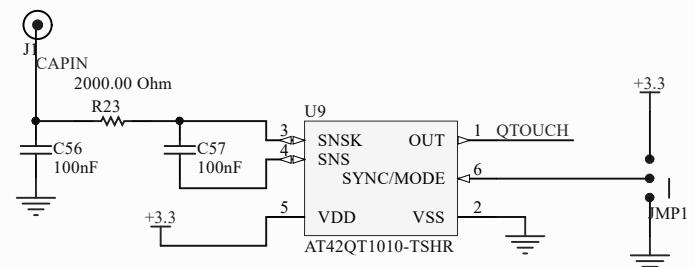
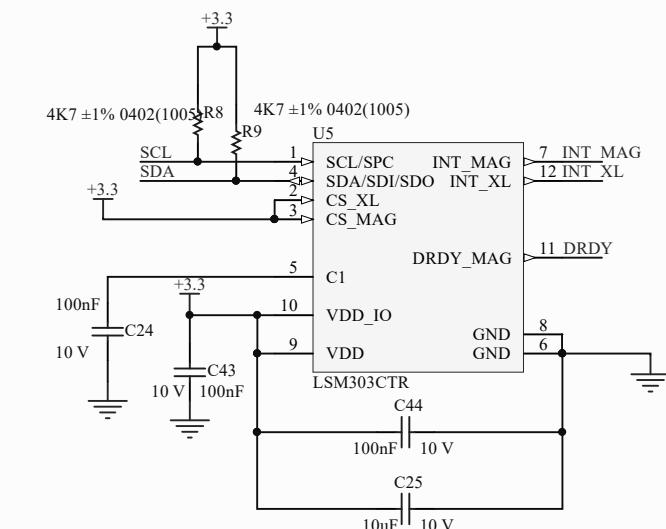
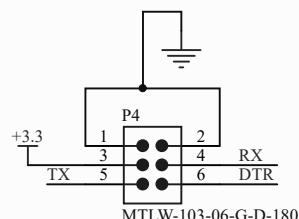
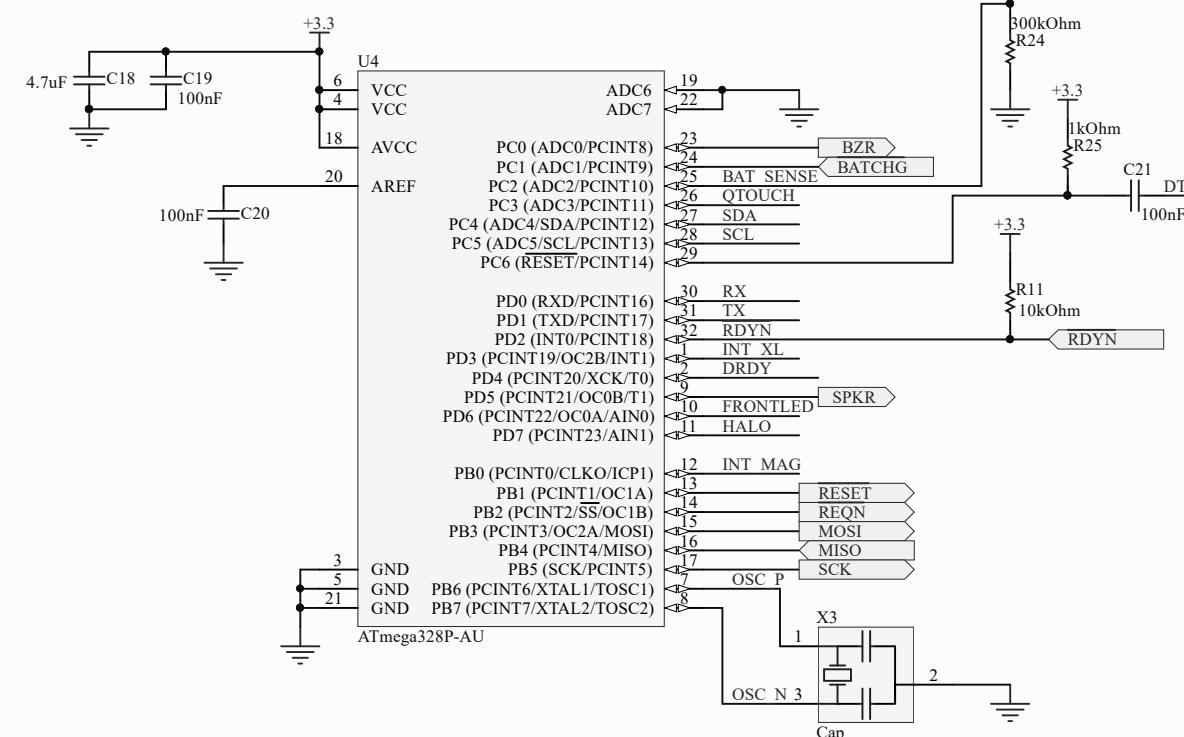
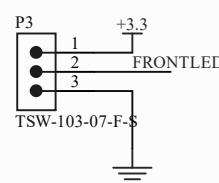


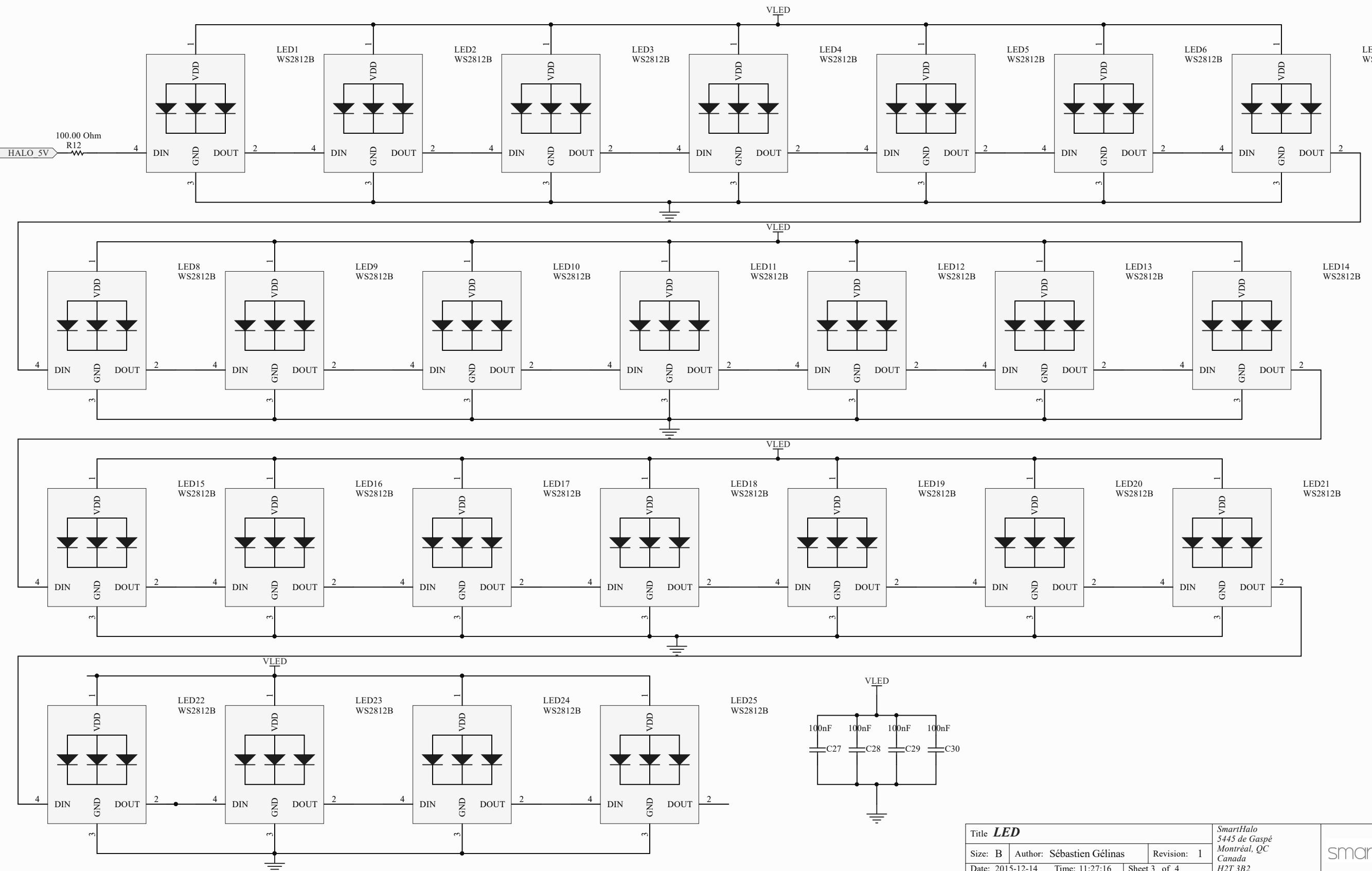
C

**BOOST****3.3V REG**

Title <b>Power</b>			SmartHalo 5445 de Gaspé Montréal, QC Canada H2T 3B2
Size: B	Author: Sébastien Gélinas	Revision: 1	
Date: 2015-12-14	Time: 11:27:16	Sheet 1 of 4	
File: PWR.SchDoc			

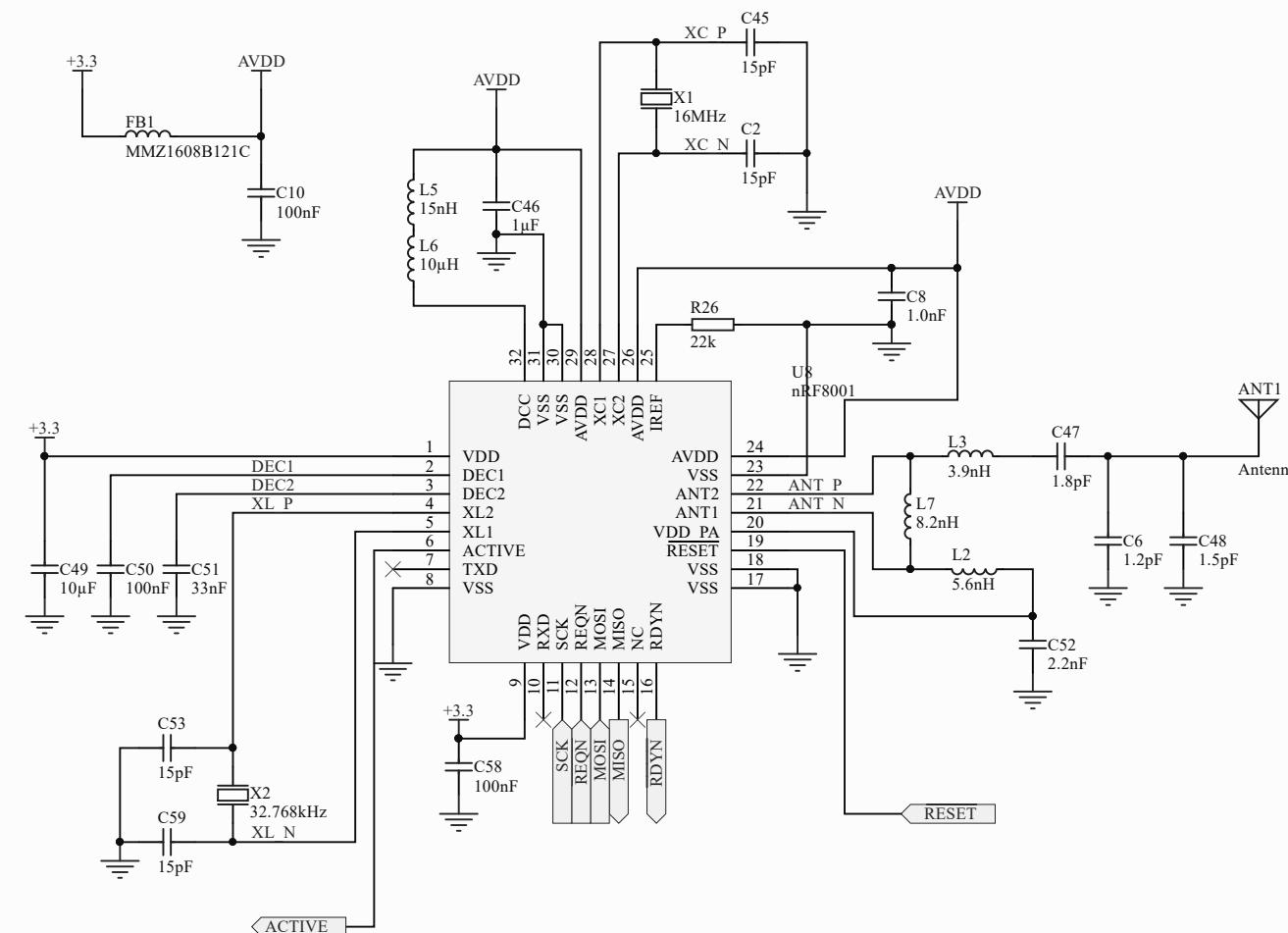
A



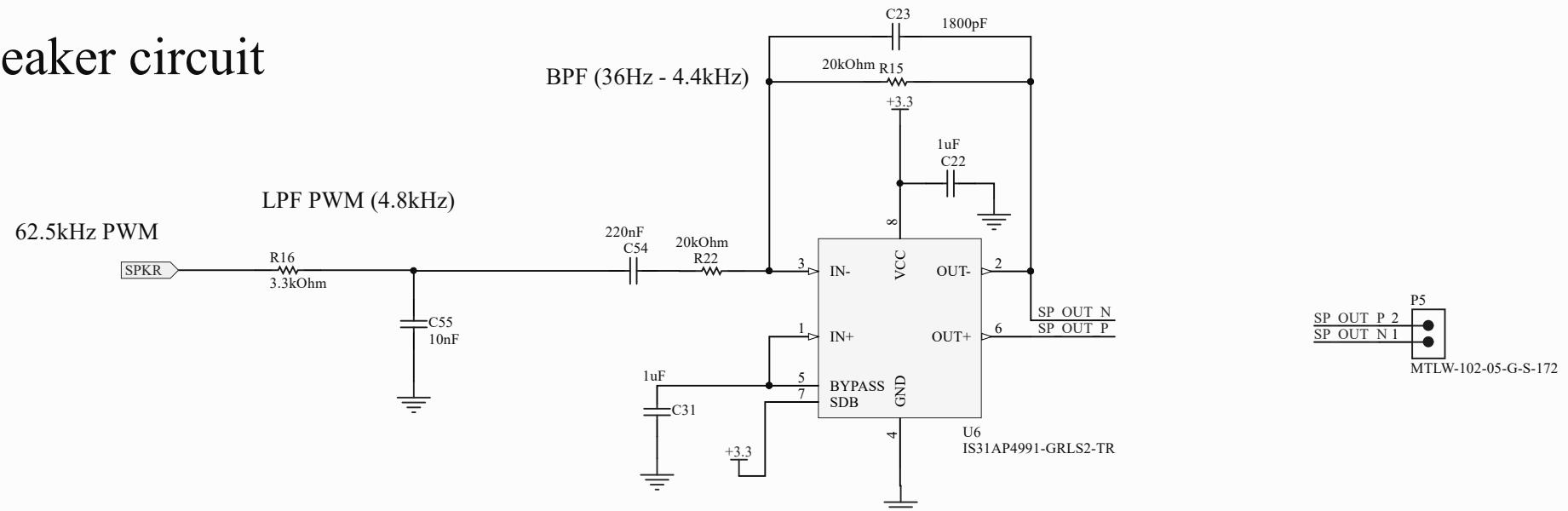
Title **LED**

Size: B	Author: Sébastien Gélinas	Revision: 1
Date: 2015-12-14	Time: 11:27:16	Sheet 3 of 4
File: LED.SchDoc	SmartHalo 5445 de Gaspé Montréal, QC Canada H2T 3B2	smarthalo

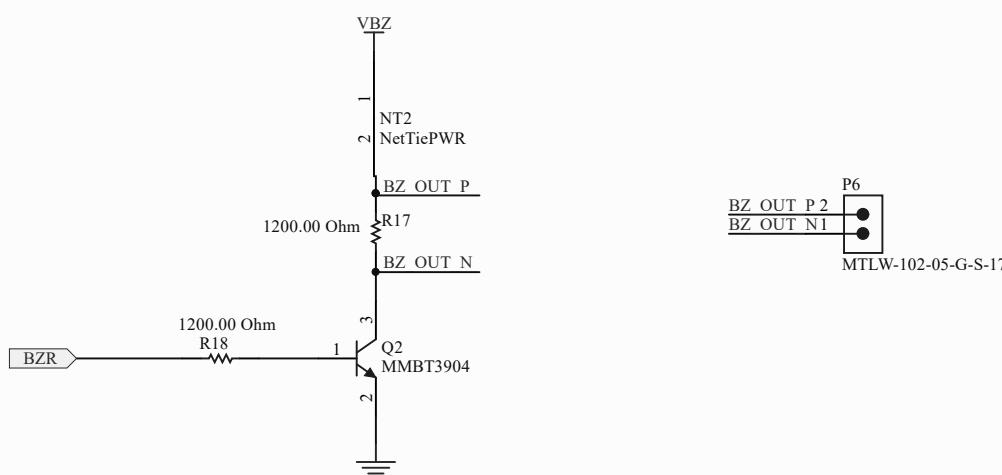
A

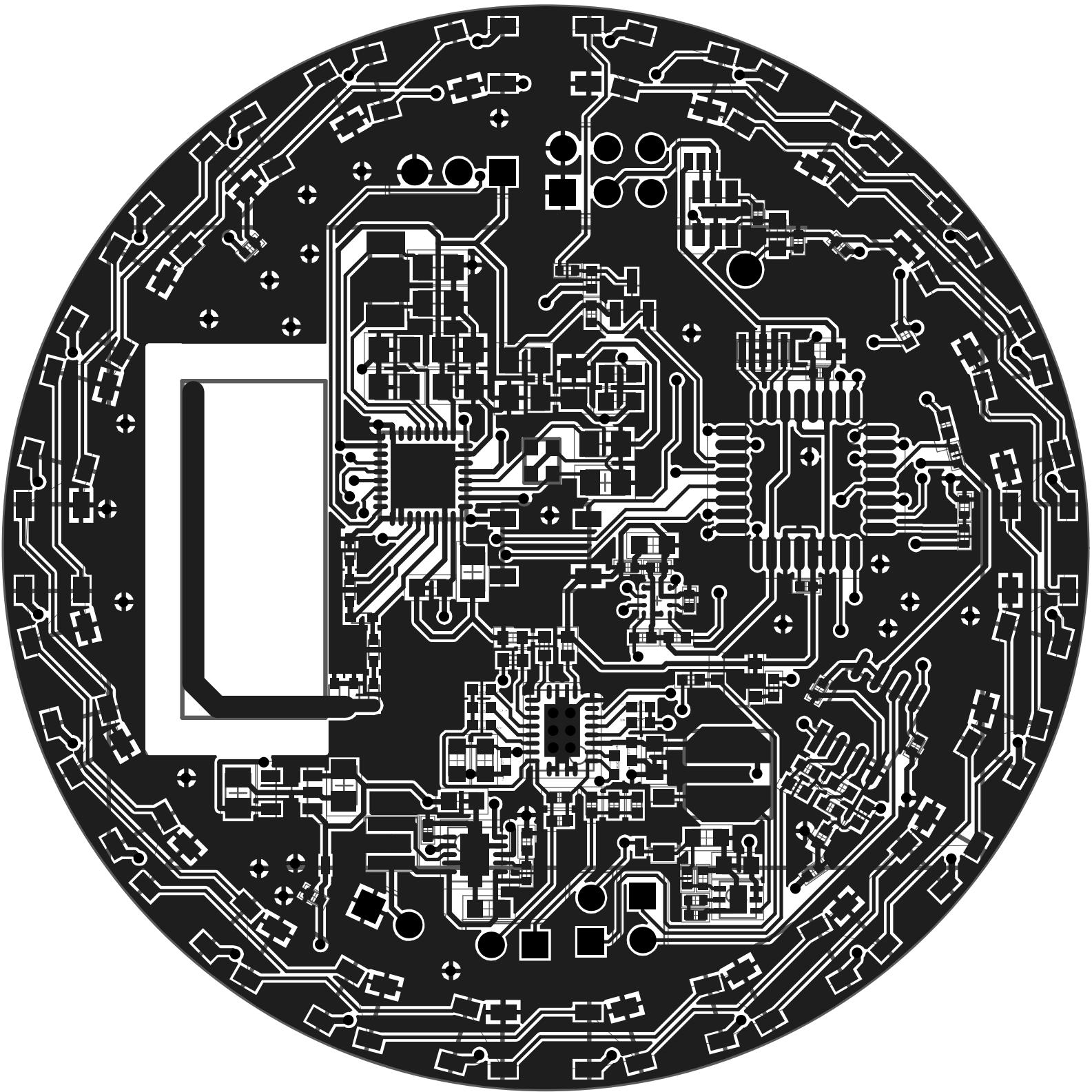


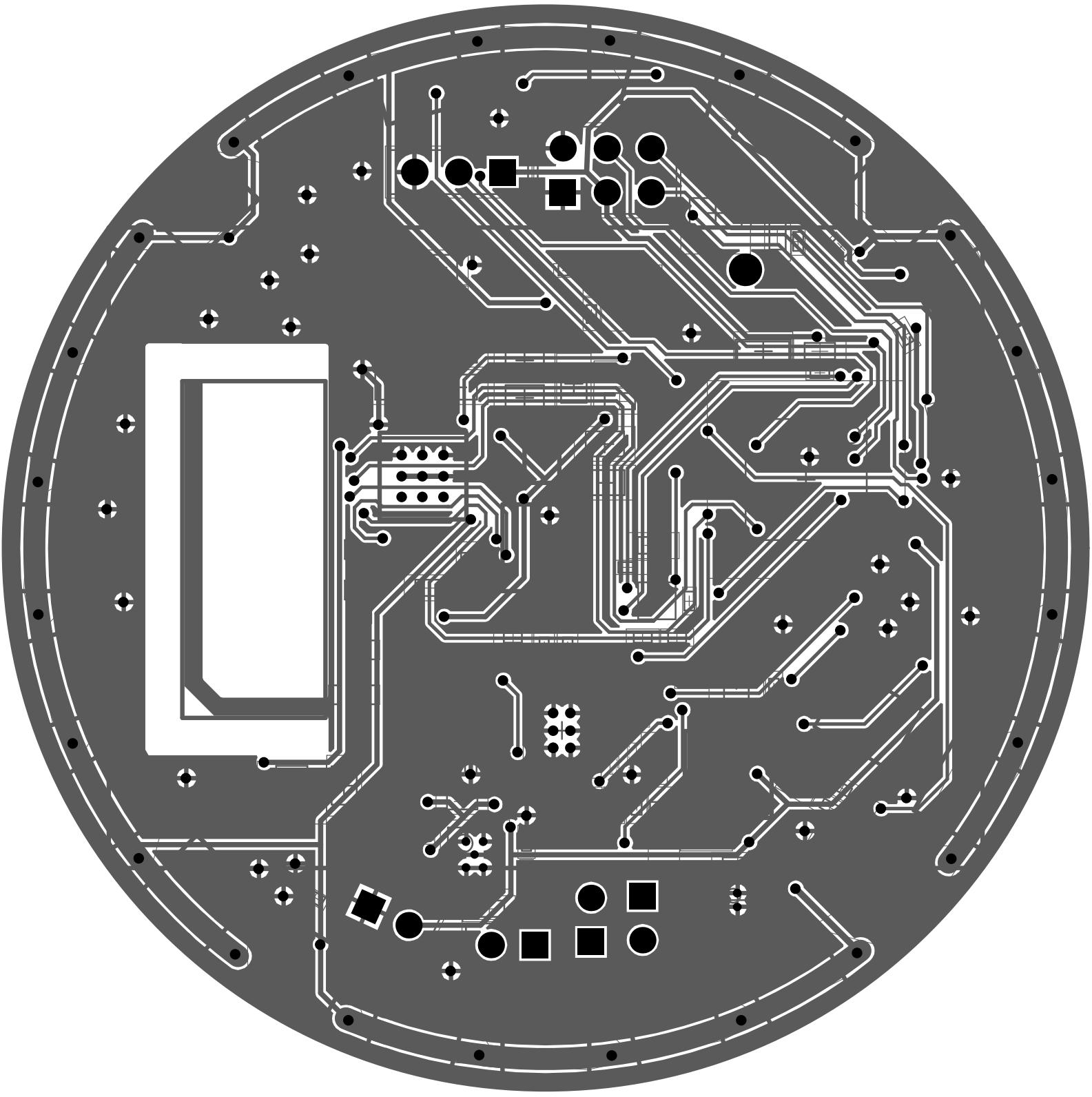
# Magnetic Speaker circuit

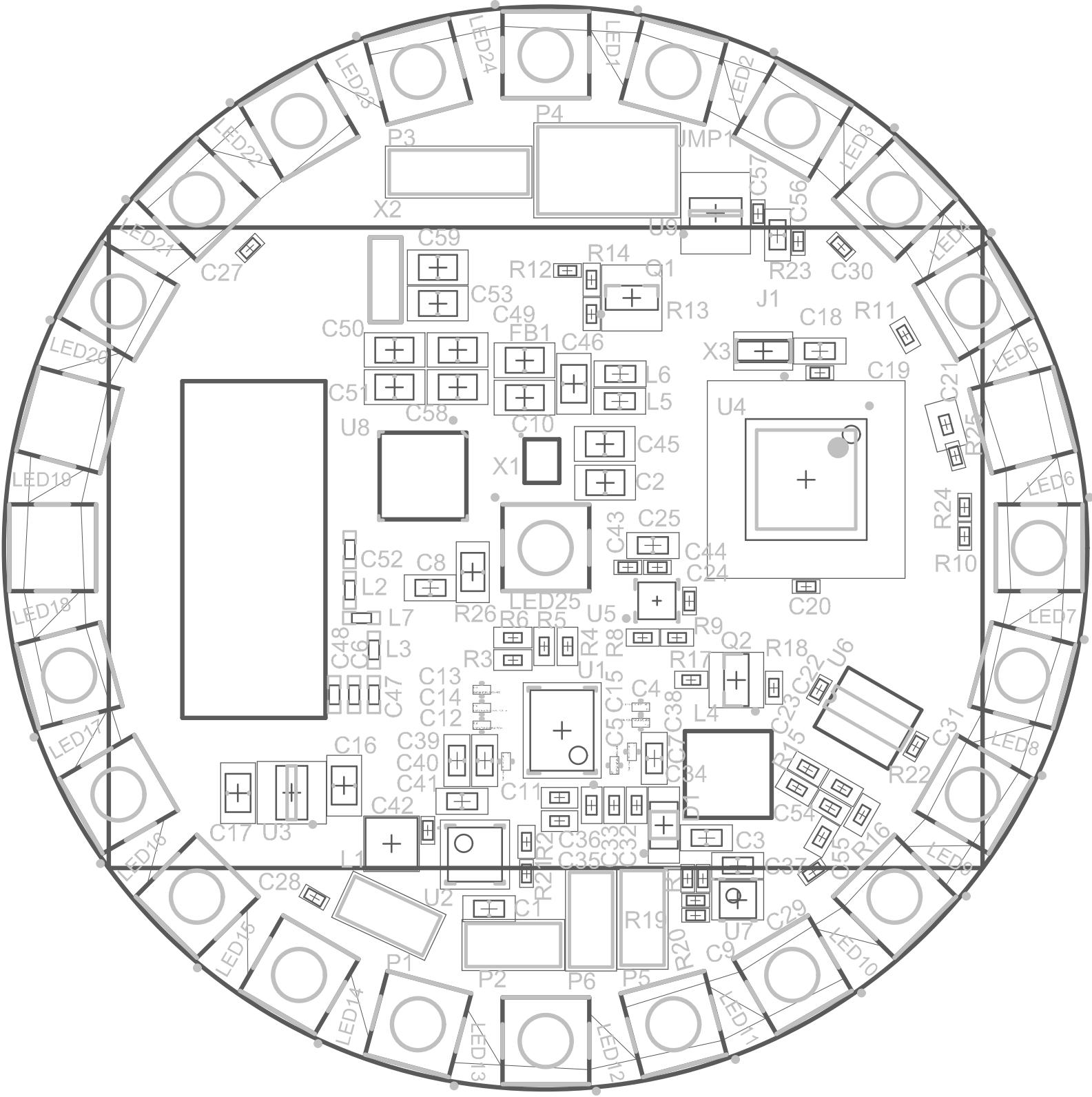


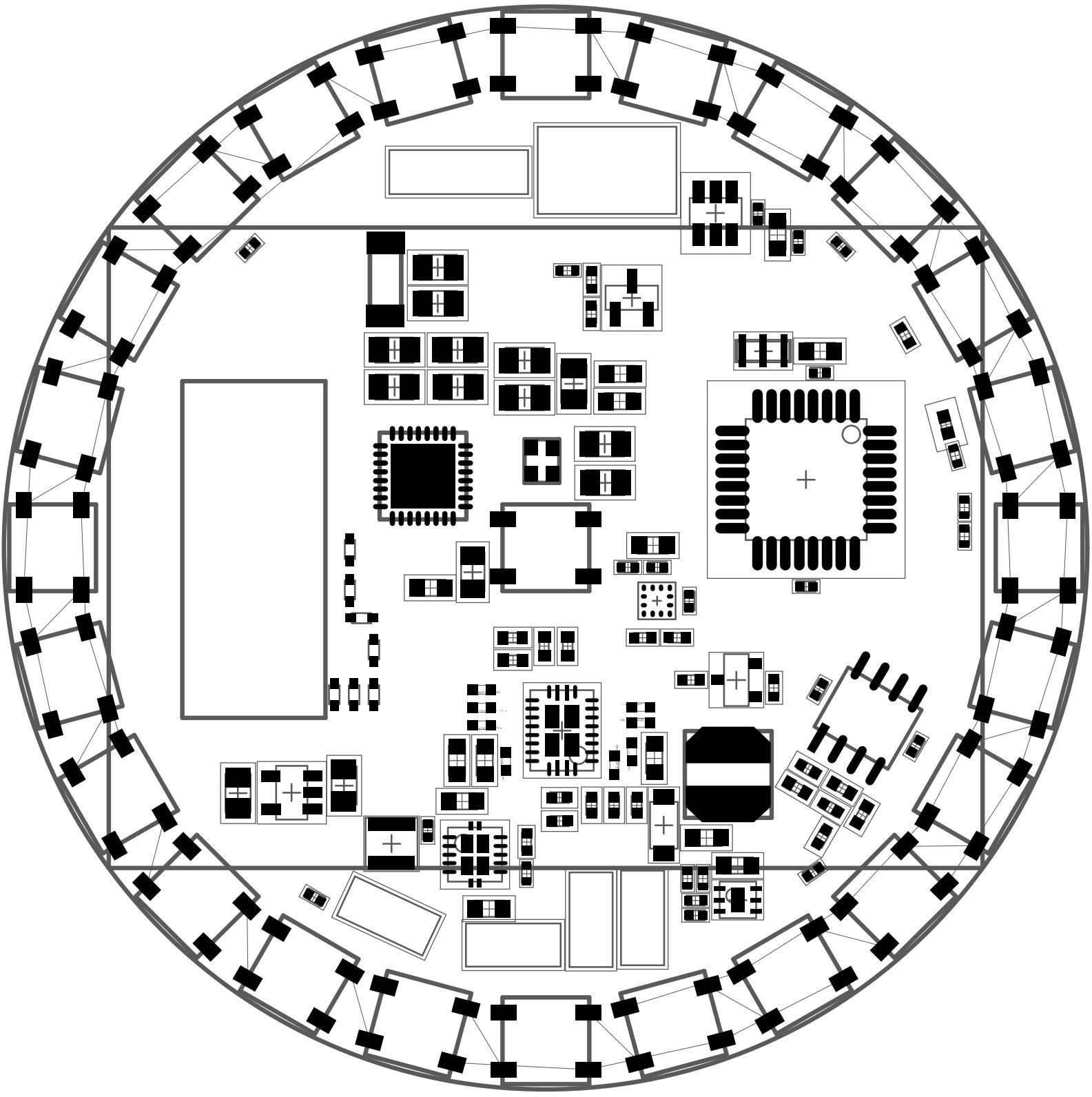
# Buzzer circuit

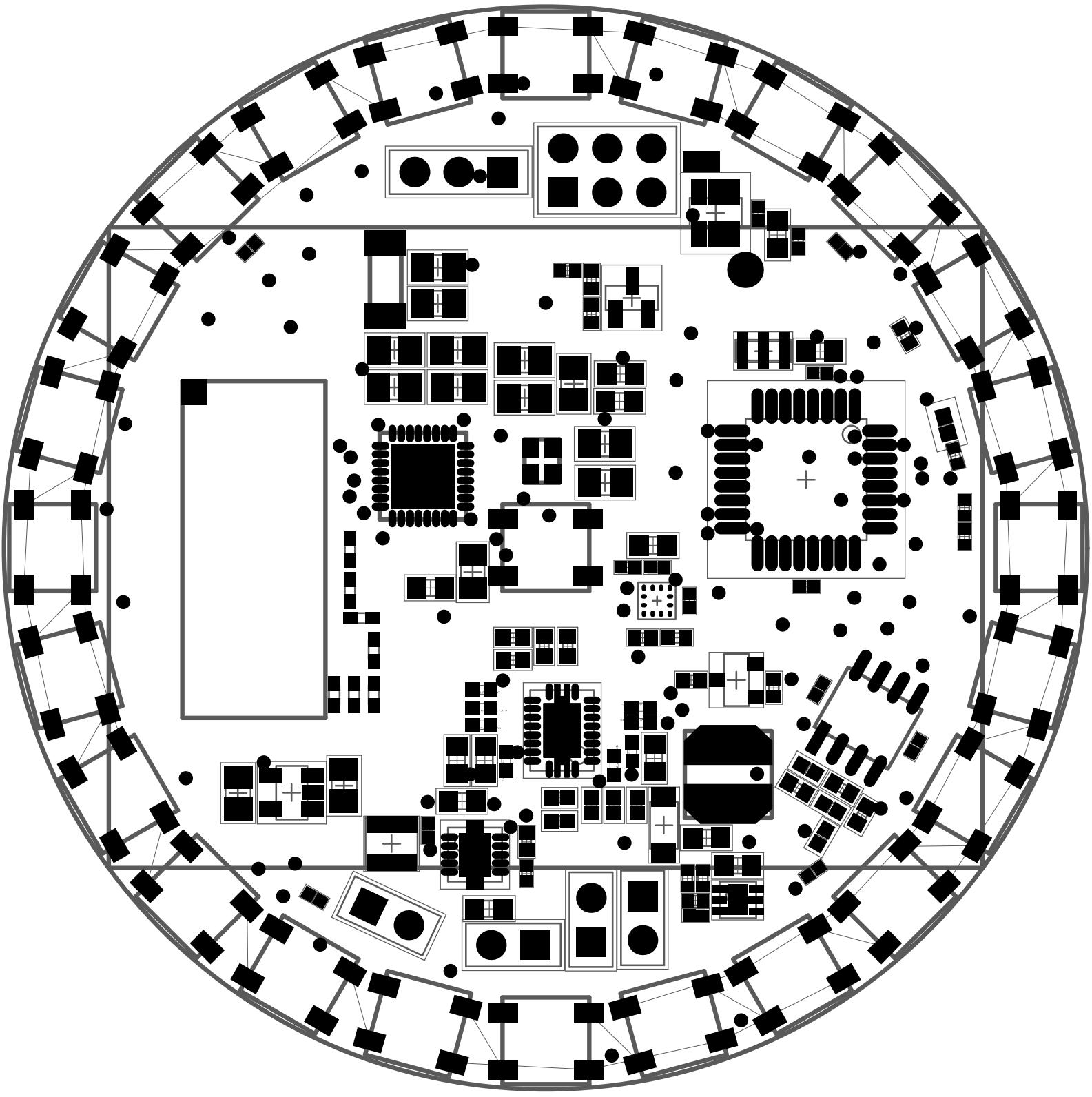


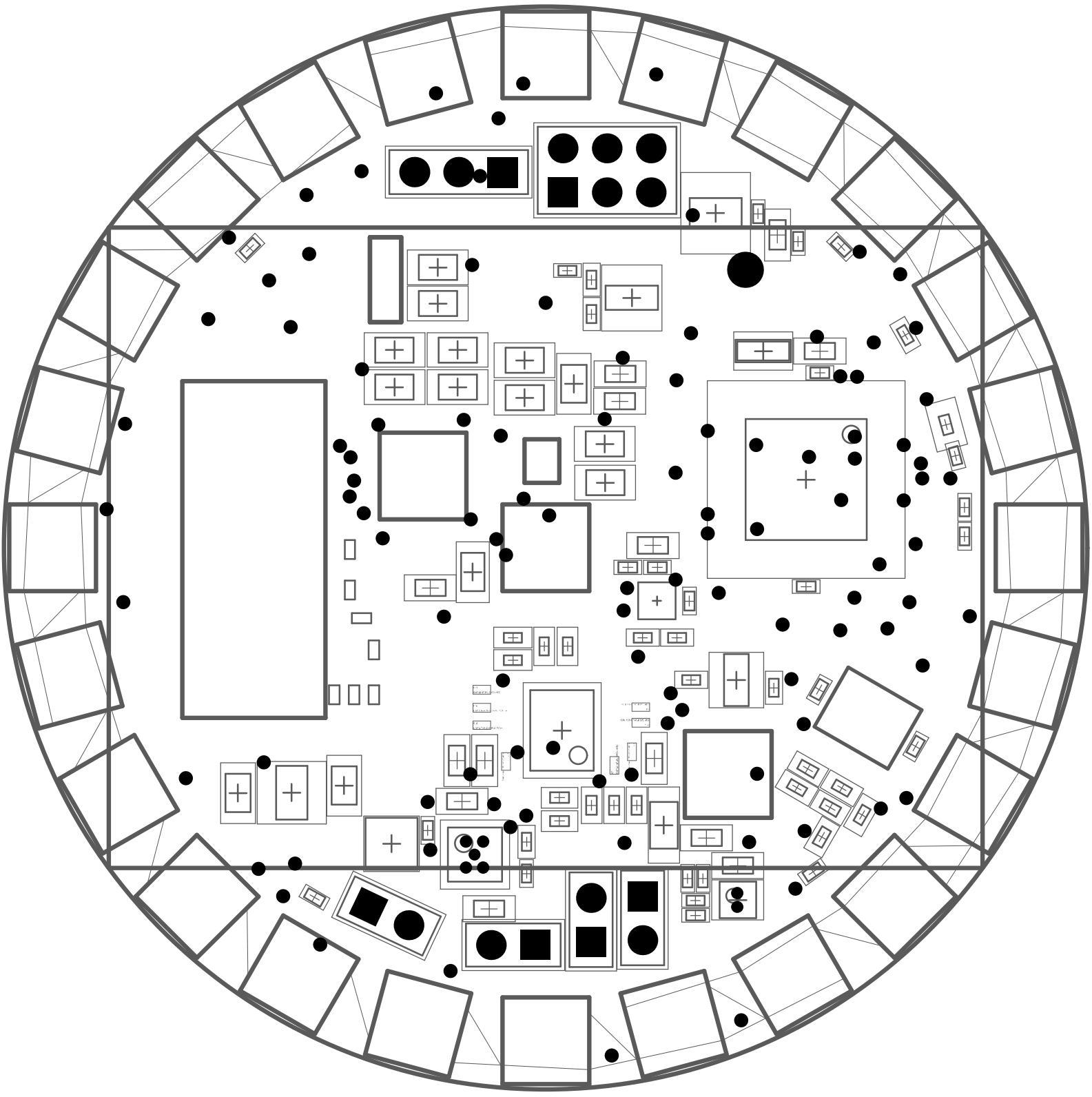


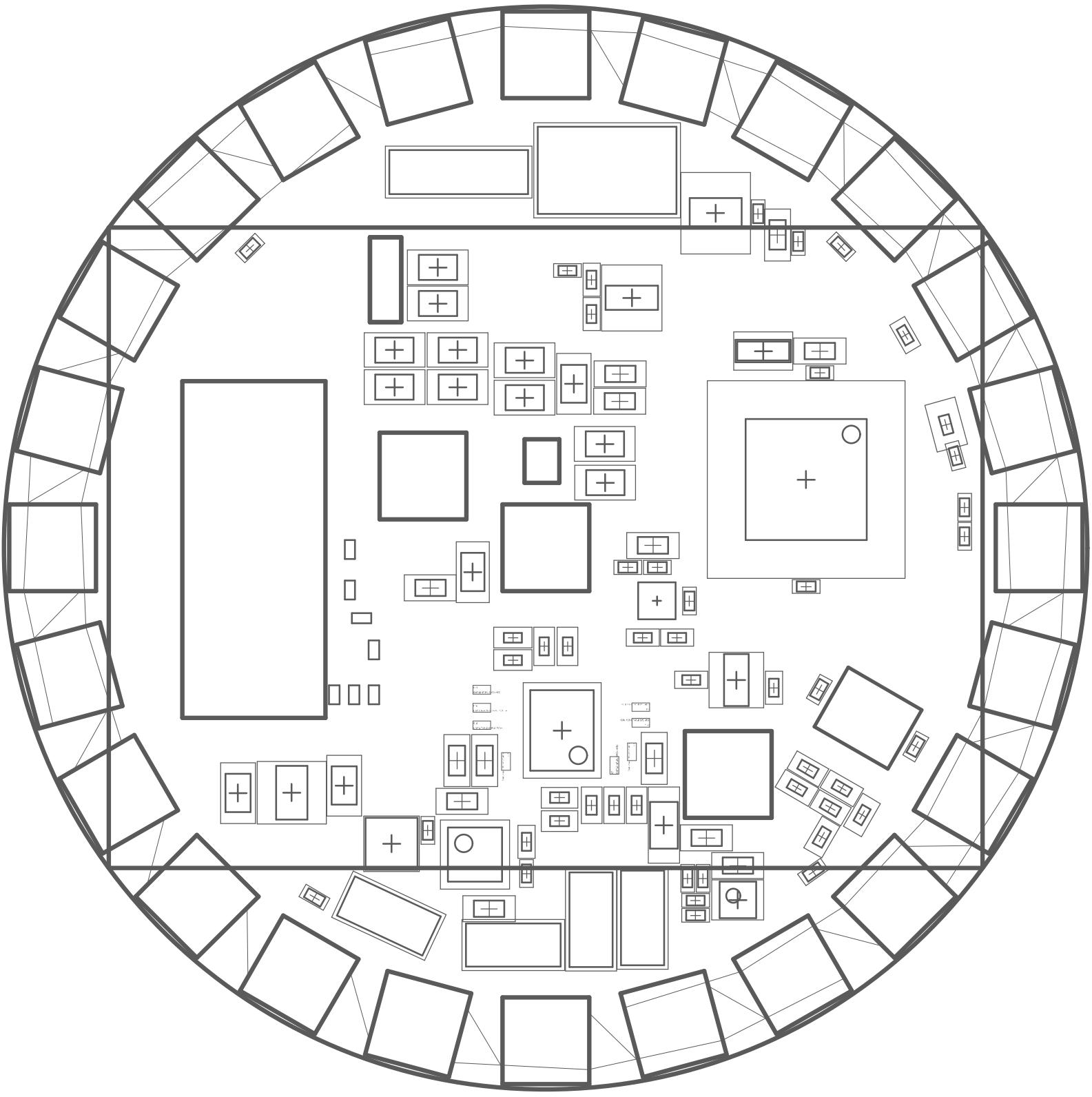


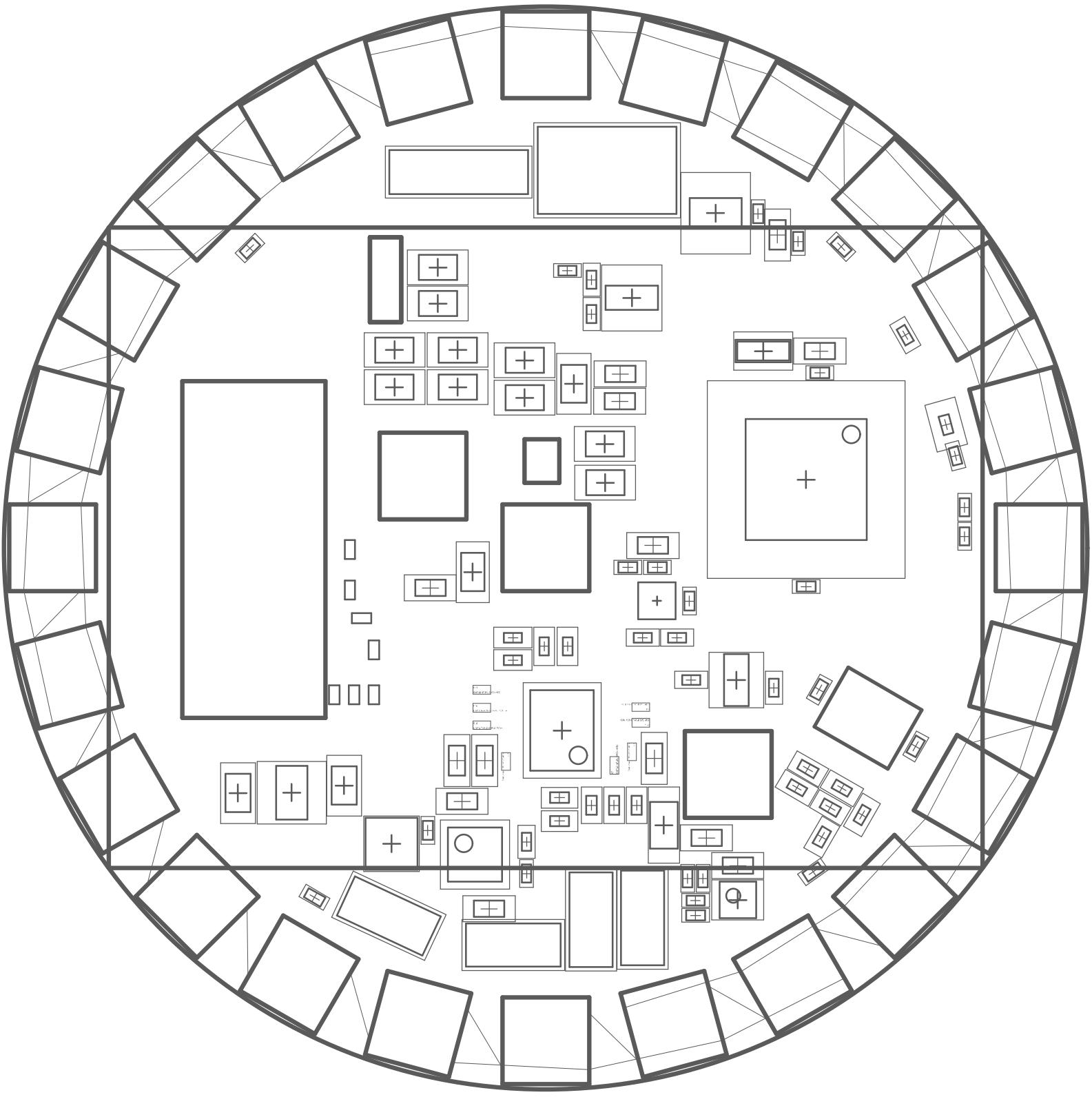


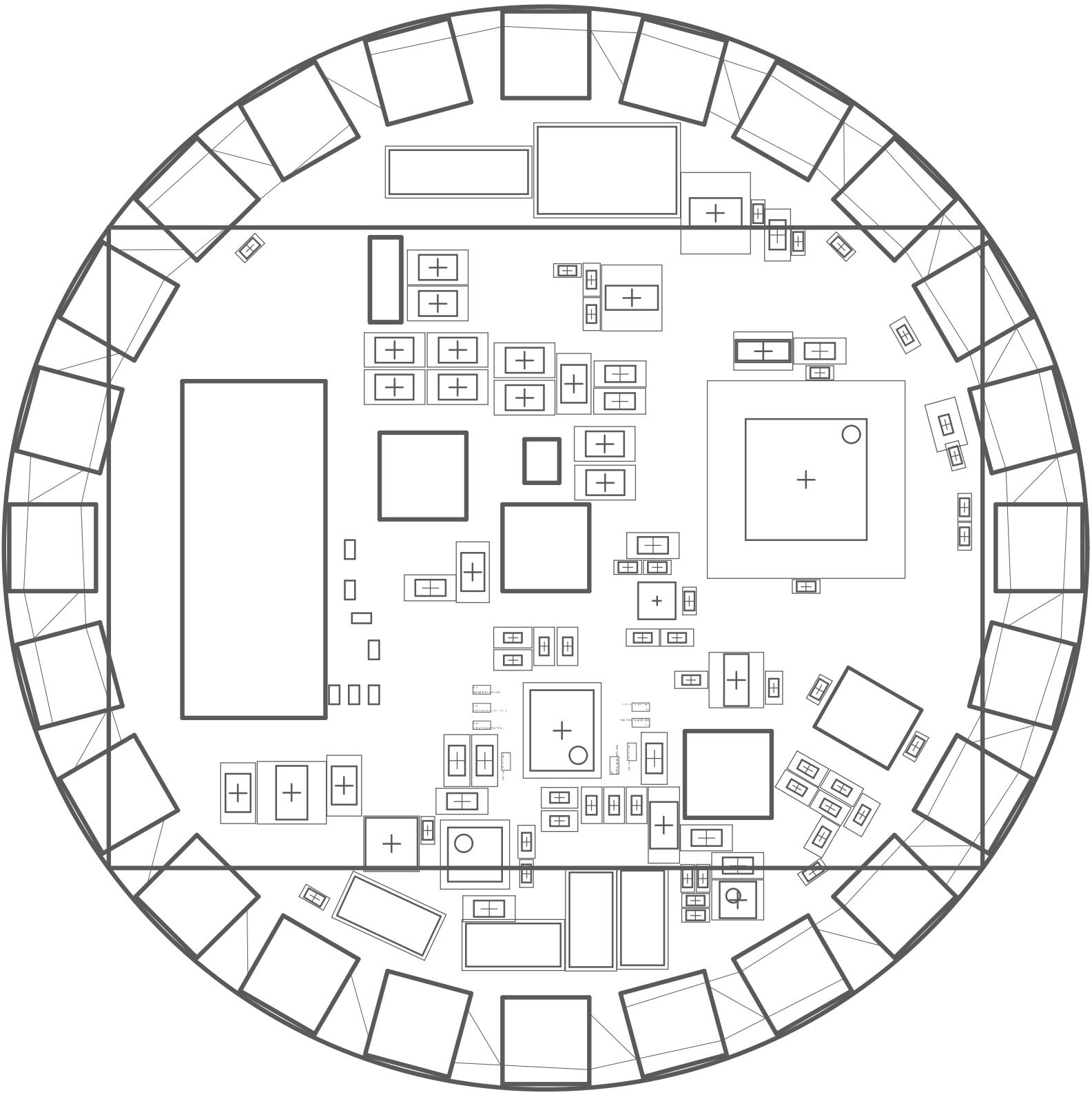


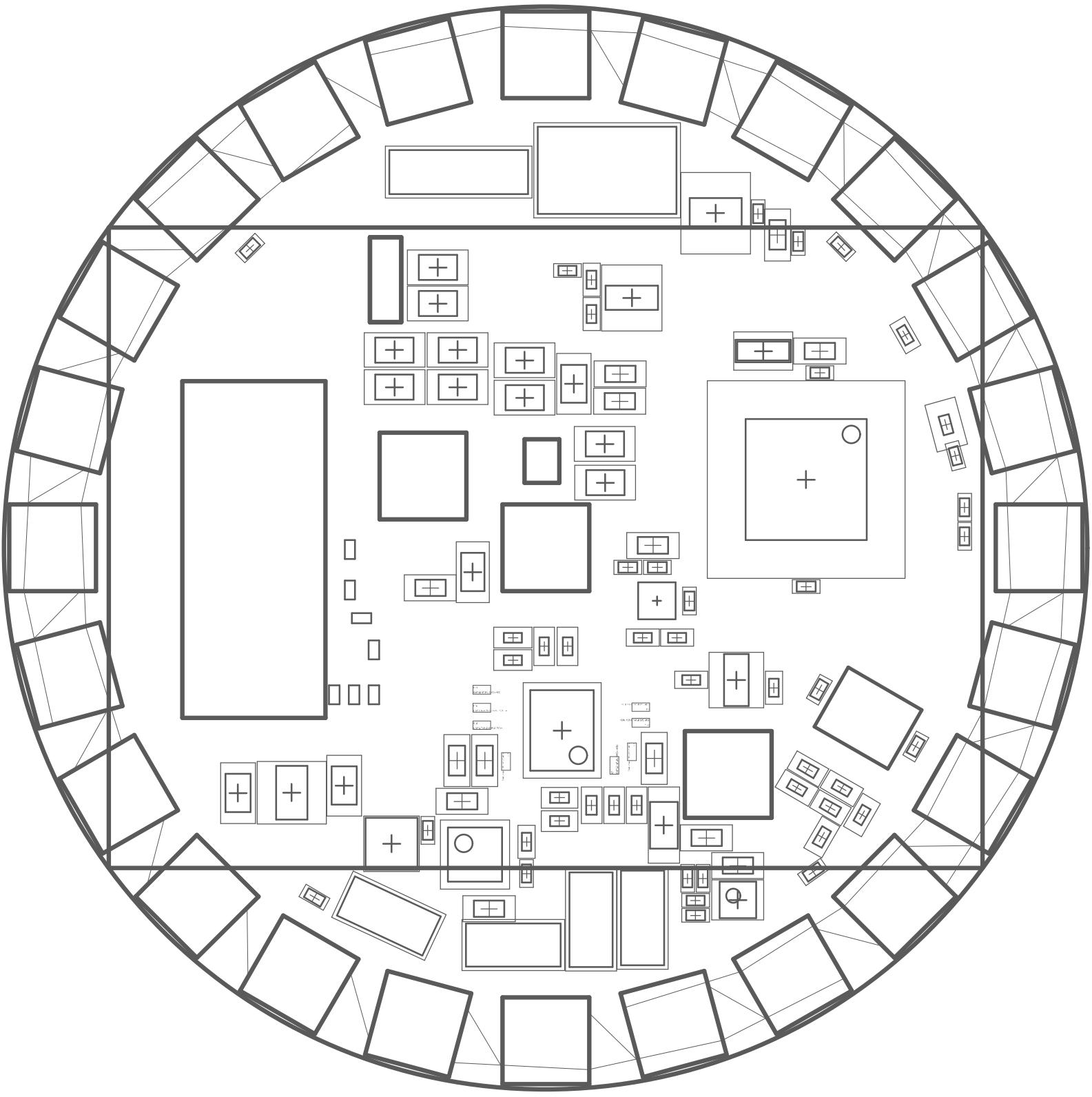


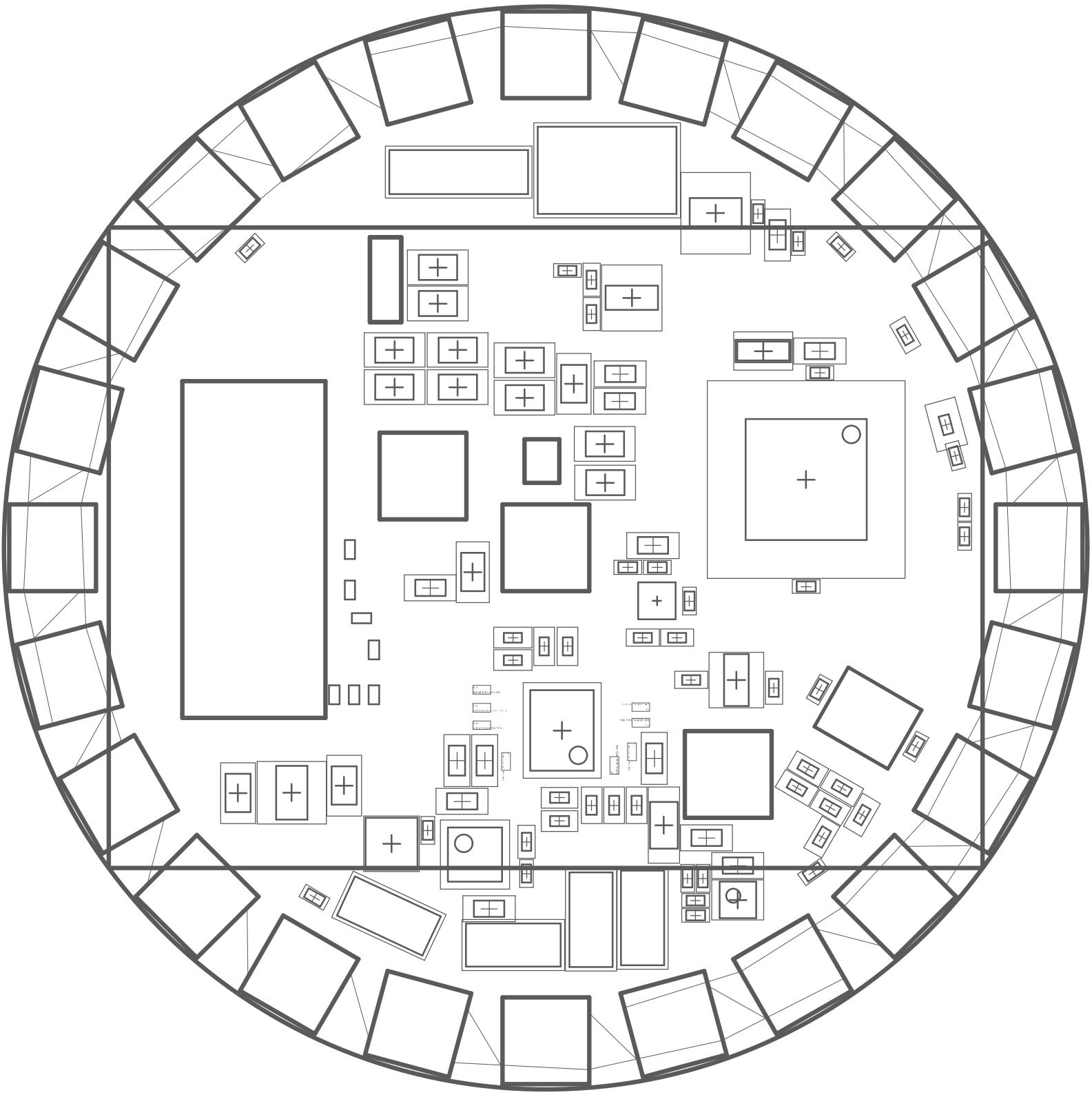


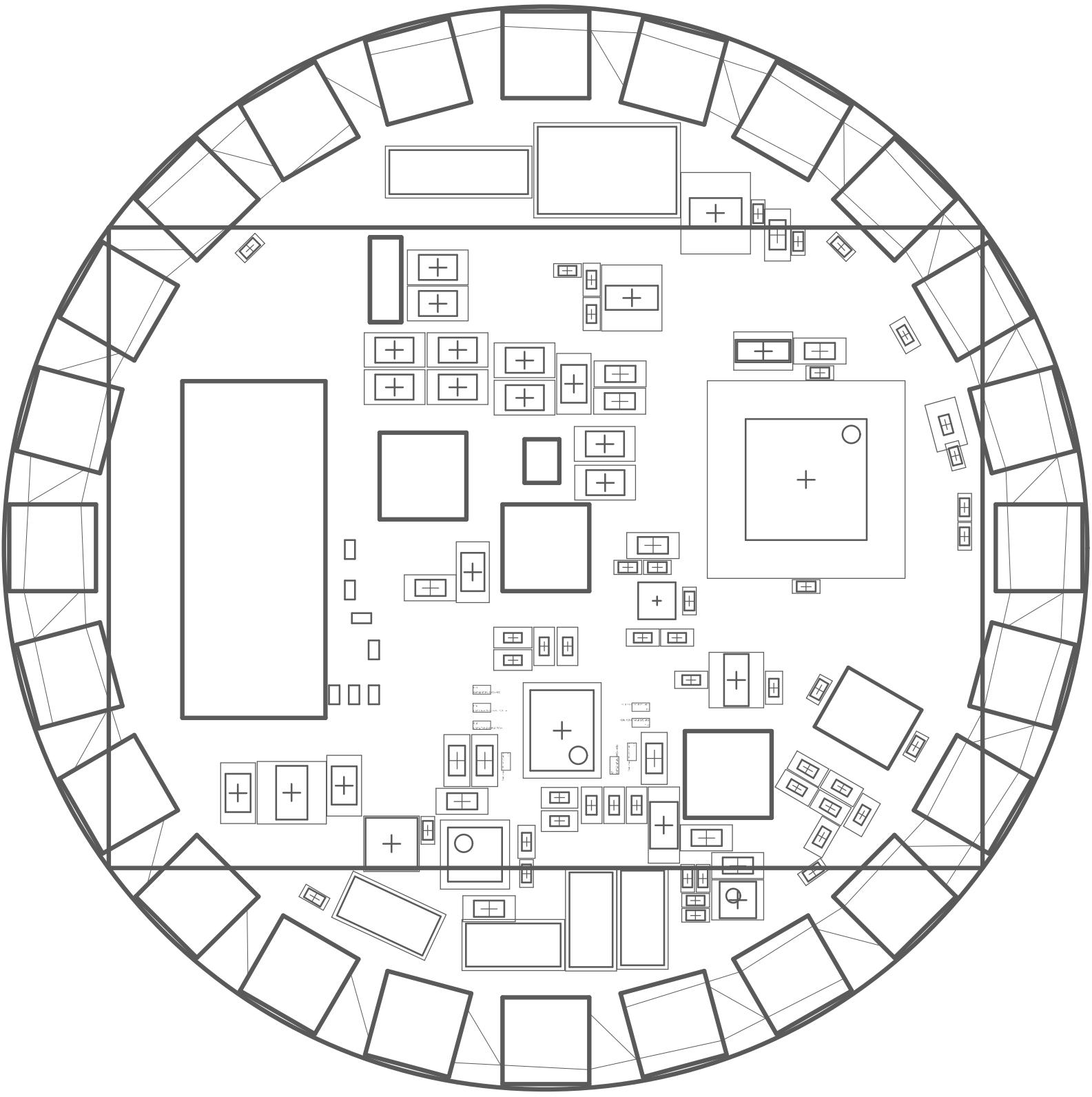


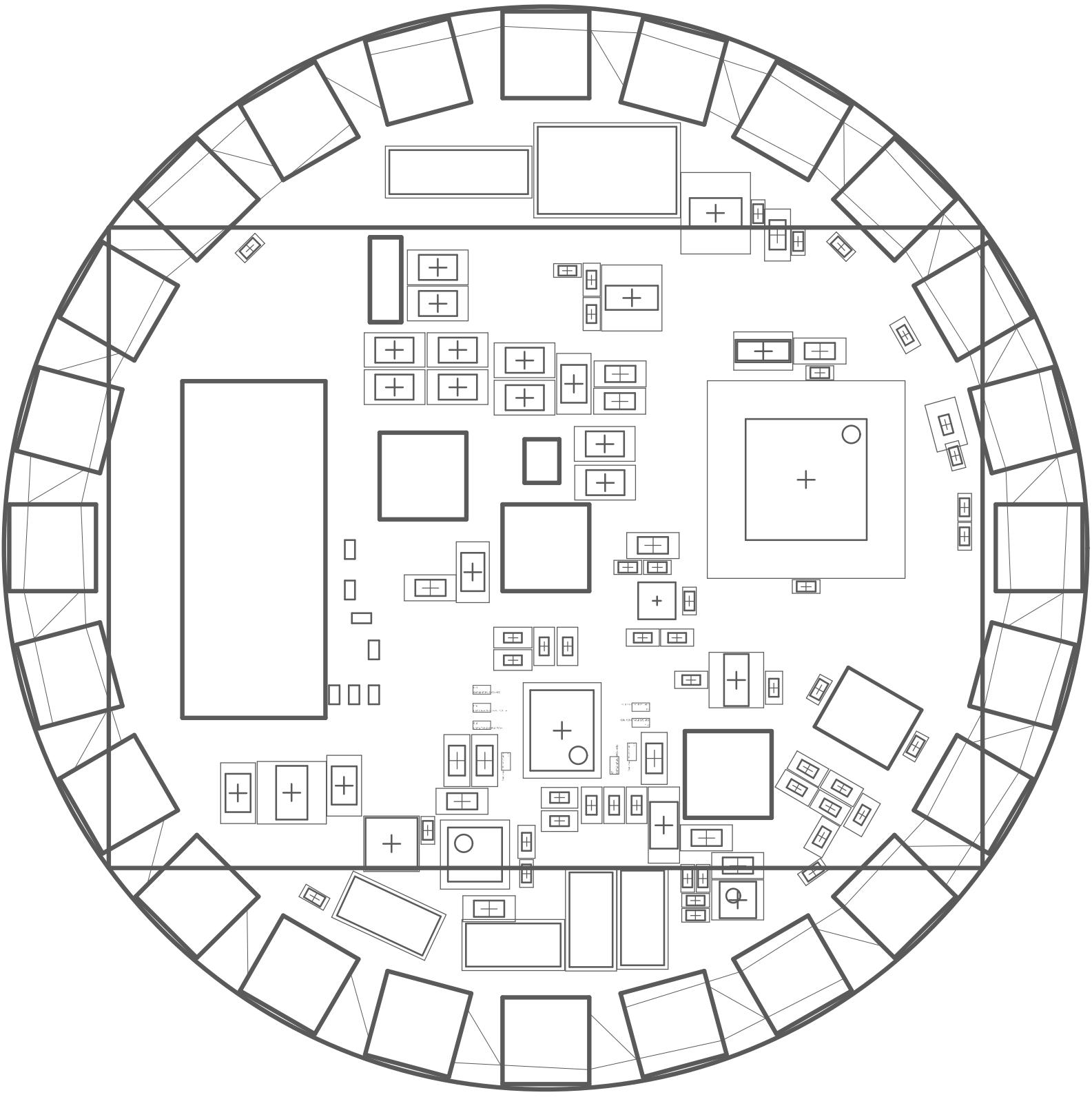


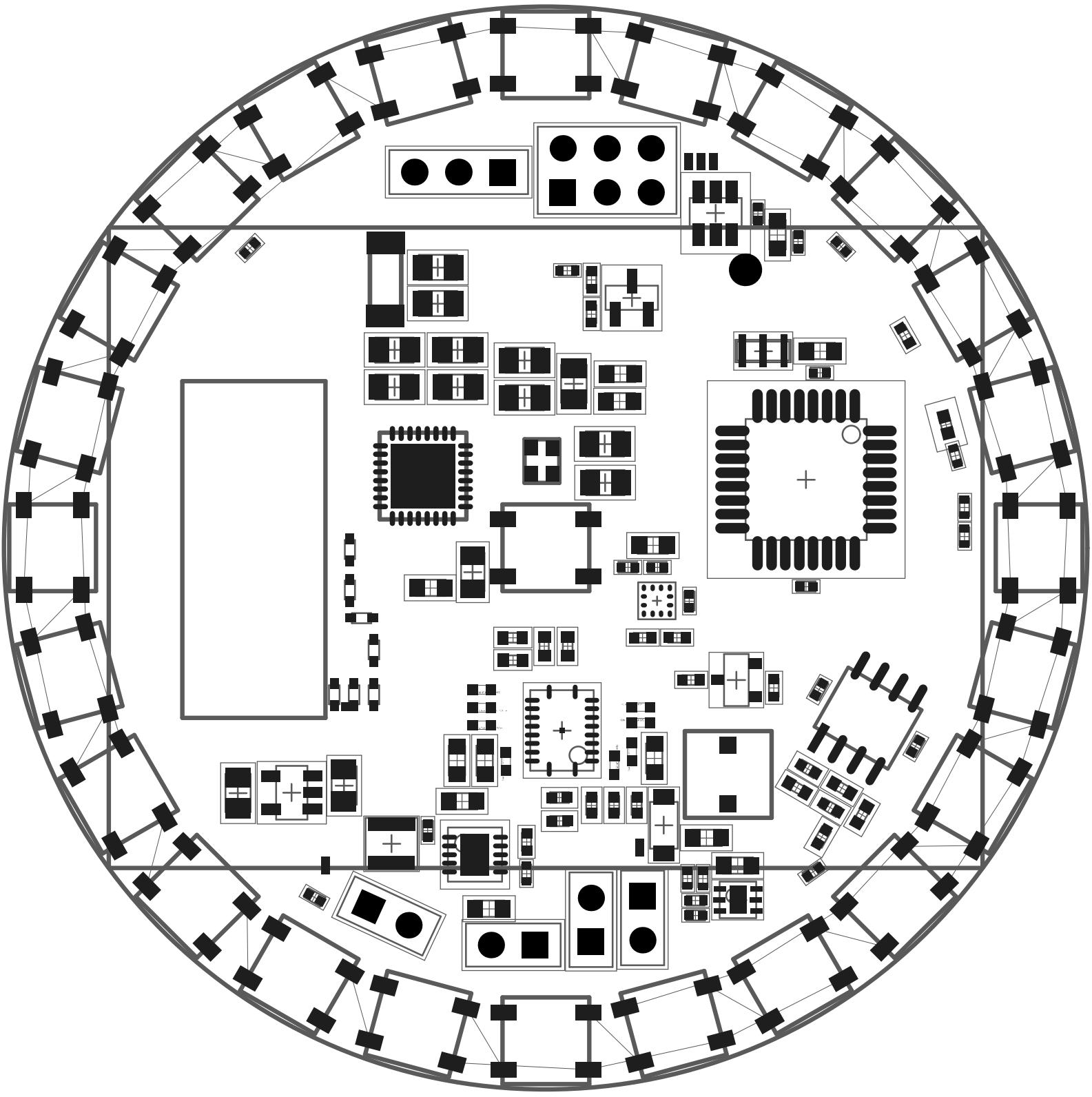


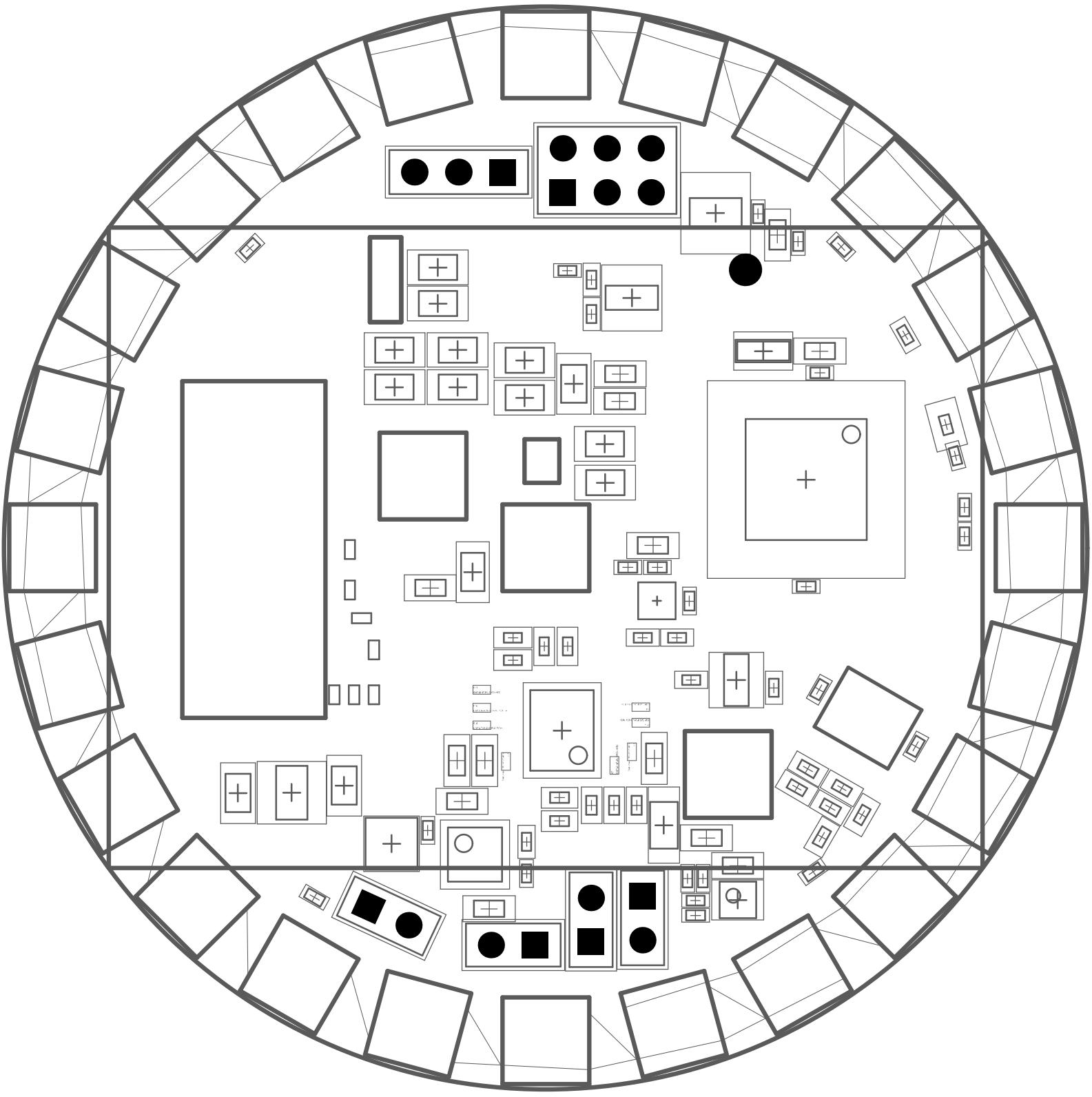


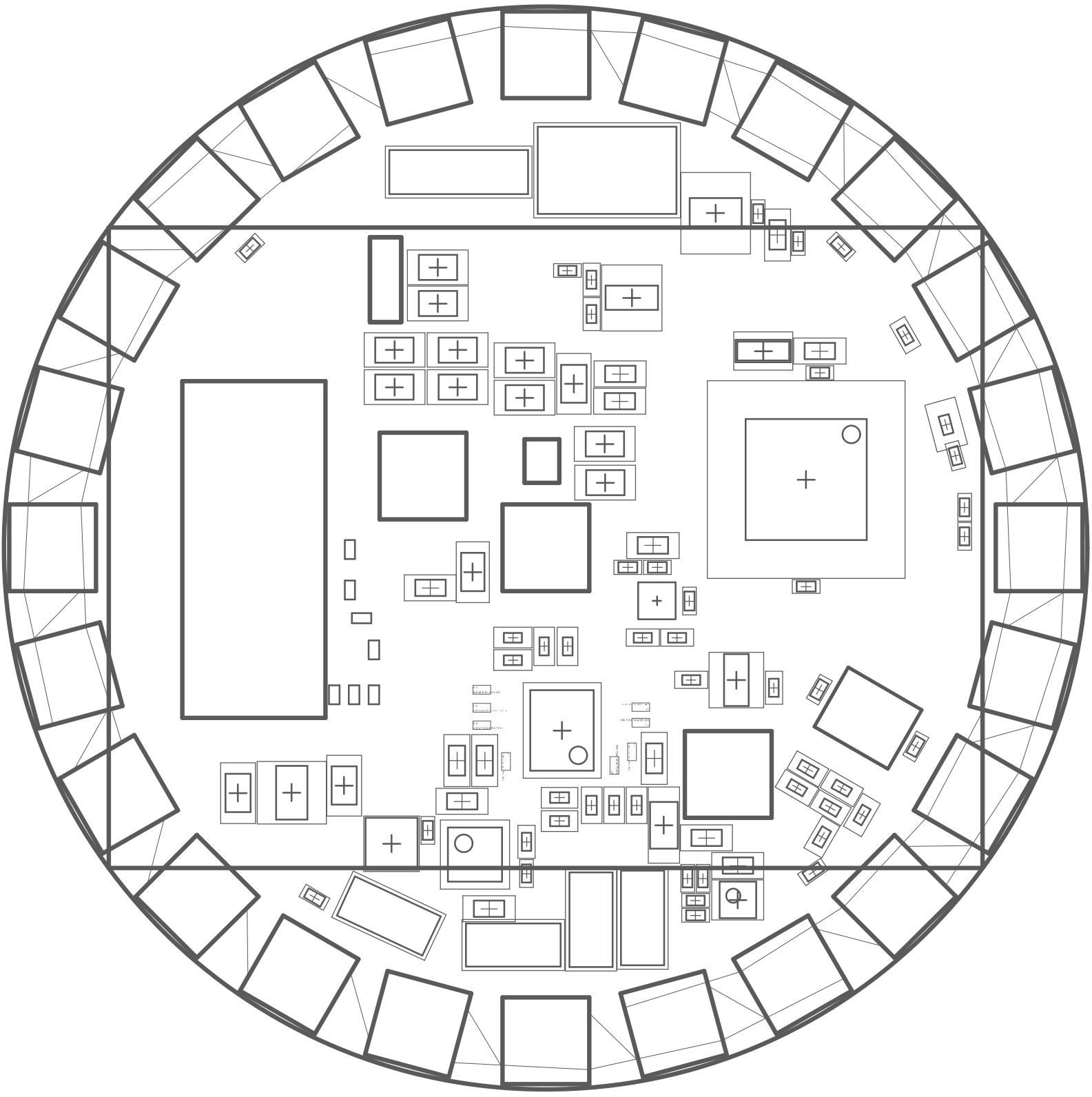


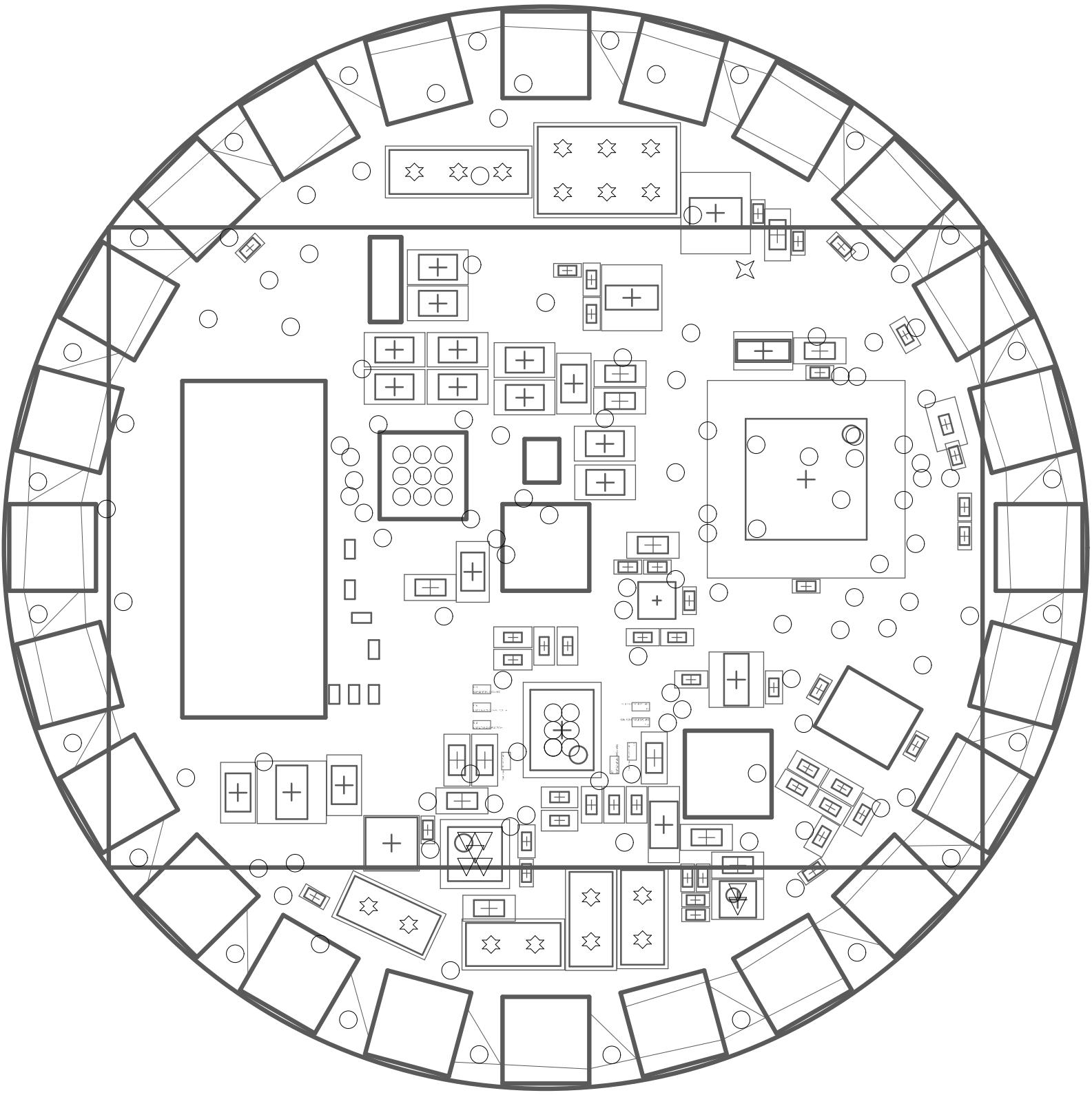


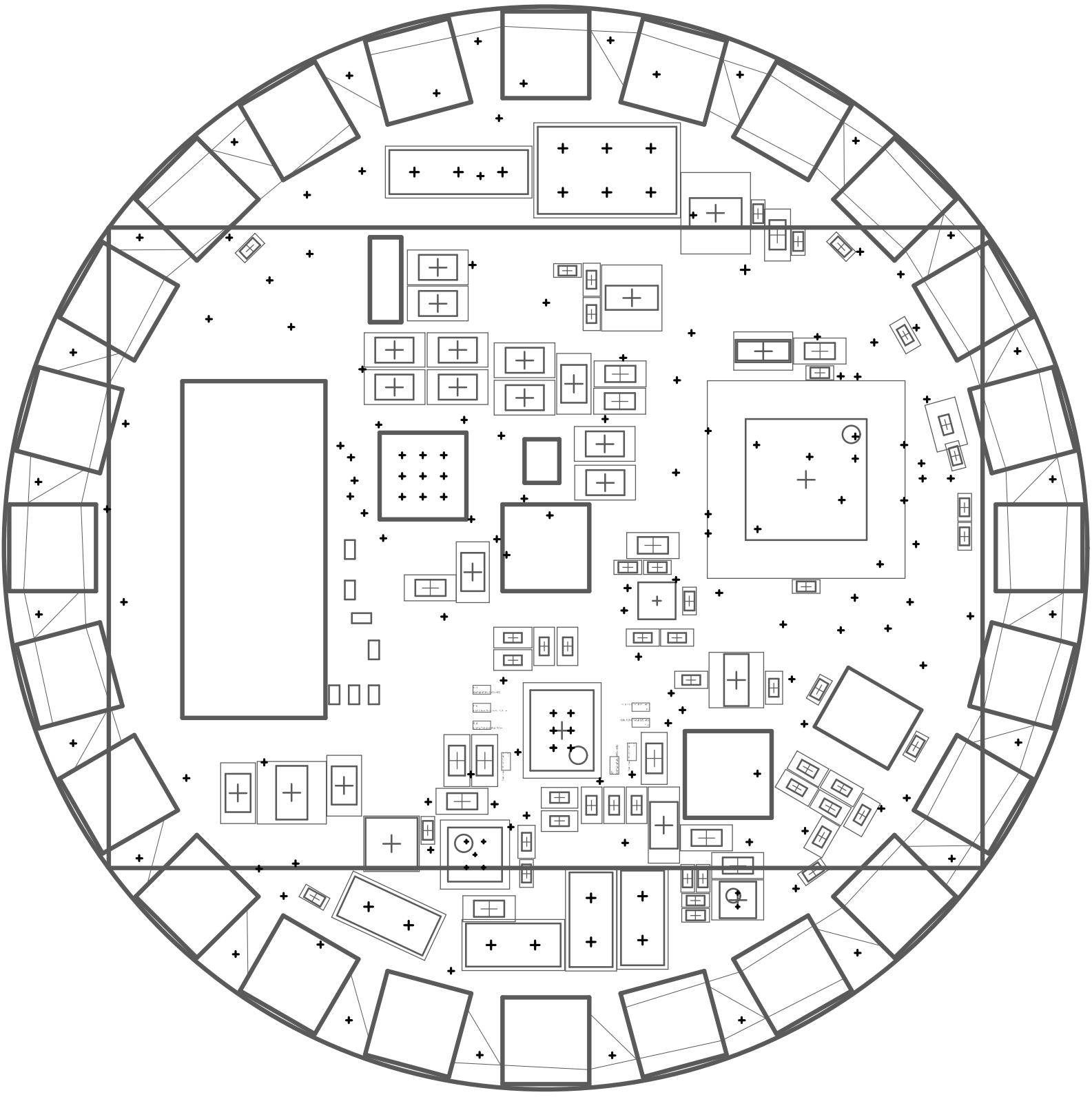












BOM PartType For Project [SmartHaloDD.PrtPcb] (No PCB Document Selected)						
2015-12-14						
SmartHaloDD.PrtPcb	11:27:26					
Item #	Quantity	Designator	Manufacturer	Manufacturer Part Number	PartNumber	
1	3	C1, C25, C41				
2	4	C2, C45, C53, C59				
3	2	C3, C57				
4	1	C9				
5	1	C5				
6	1	C6				
7	2	C7, C12				
8	1	C8				
9	1	C9				
10	3	C10, C50, C58				
11	1	C11				
12	1	C13				
13	1	C14				
14	1	C15				
15	2	C16, C17				
16	1	C17				
17	12	C19, C20, C24, C27, C28, C29, C30, C42, C43, C44, C56, C57				
18	1	C21				
19	2	C22, C31				
20	1	C23				
21	1	C32				
22	1	C33				
23	1	C34				
24	2	C35, C36				
25	1	C38				
26	2	C39, C40				
27	1	C46	TAIYO YUDEN	LMK107B7105KA-T	500R07S1R88V41	
28	1	C47	JOHANSON TECHNOLOGY			
29	1	C48				
30	1	C49	TAIYO YUDEN	LMK107B7105KA-T		
31	1	C51				
32	1	C52				
33	1	C54				
34	1	C55				
35	1	D1	On Semiconductor		MBR0540T1G	
36	1	FB1				
37	1	L1	Taiyo Yuden		NR3015T2R2M	
38	1	L2	Murata	LQP15MN56B02D		
39	1	L3	Murata	LQP15MN3N9B02D		
40	1	L4				
41	1	L5				
42	1	L6	Taiyo Yuden	LBMF1608T100K	LQP15MN8N2B02D	
43	1	L7				
44	25	LED1, LED5, LED3, LED4, LED5, LED6, LED7, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25				
45	1	Q1	NXP Semiconductors		BSS138AKAR	
46	1	Q2	Infineon		MMBT3904	
47	1	R1				
48	1	R2				
49	1	R3				
50	1	R4				
51	1	R5				
52	1	R6				
53	2	R8, R9				
54	1	R10				
55	1	R11				
56	1	R12				
57	1	R13				
58	1	R14				
59	2	R15, R22				
60	1	R16				
61	1	R17				
62	1	R18				
63	1	R19				
64	1	R20				
65	1	R21				
66	1	R23				
67	1	R24				
68	1	R25				
69	1	R26				
70	1	U1				
71	1	U2	Texas Instruments		TPS61202DRCR	
72	1	U3				
73	1	U4				
74	1	U5				
75	1	U6				
76	1	U7	Texas Instruments		TPS61170DRV	
77	1	U8				
78	1	U9				
79	1	X1				
80	1	X2	Epson Toyocom	FC-135 32.768KHZ ±20PPM,9.0PF		
81	1	X3				