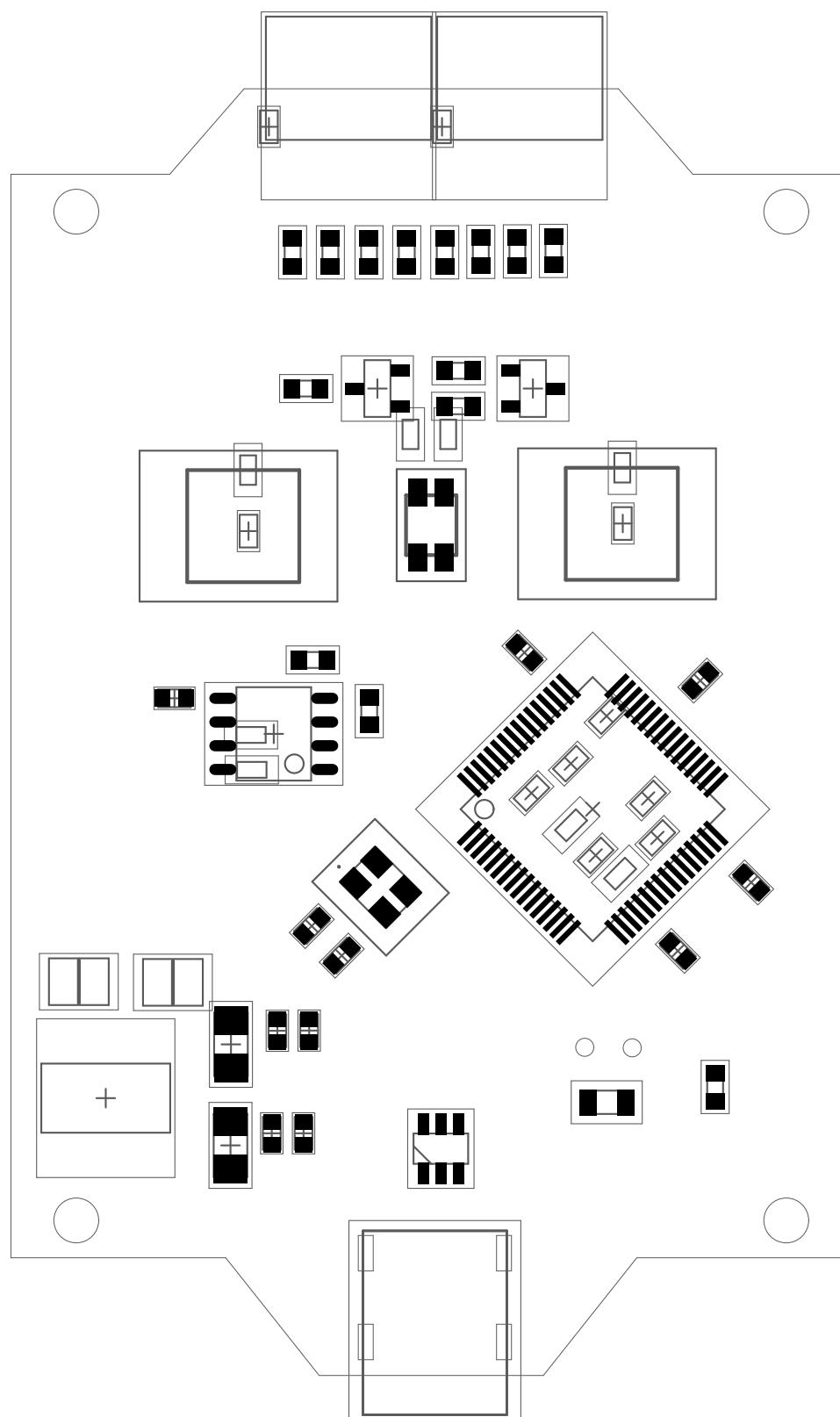
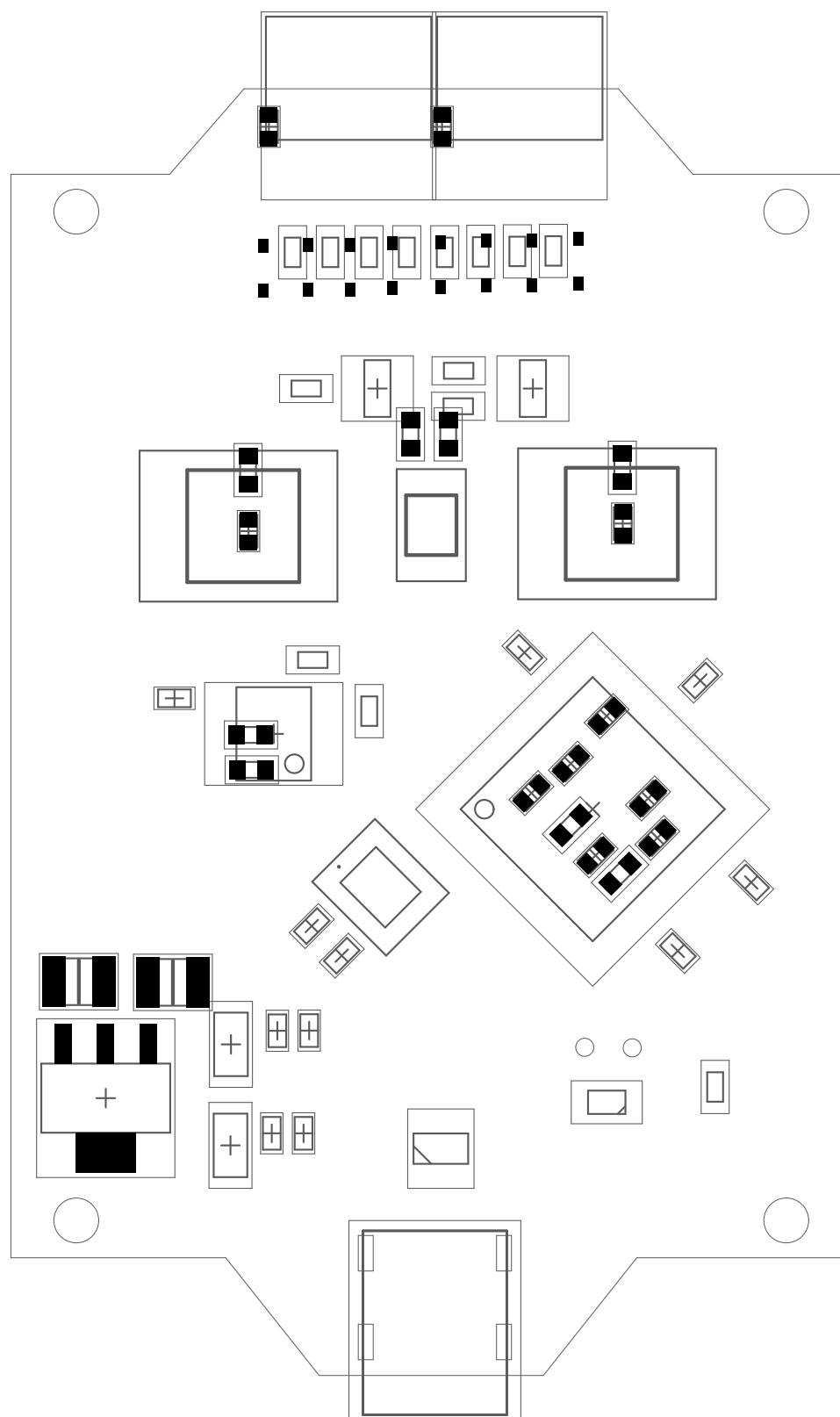
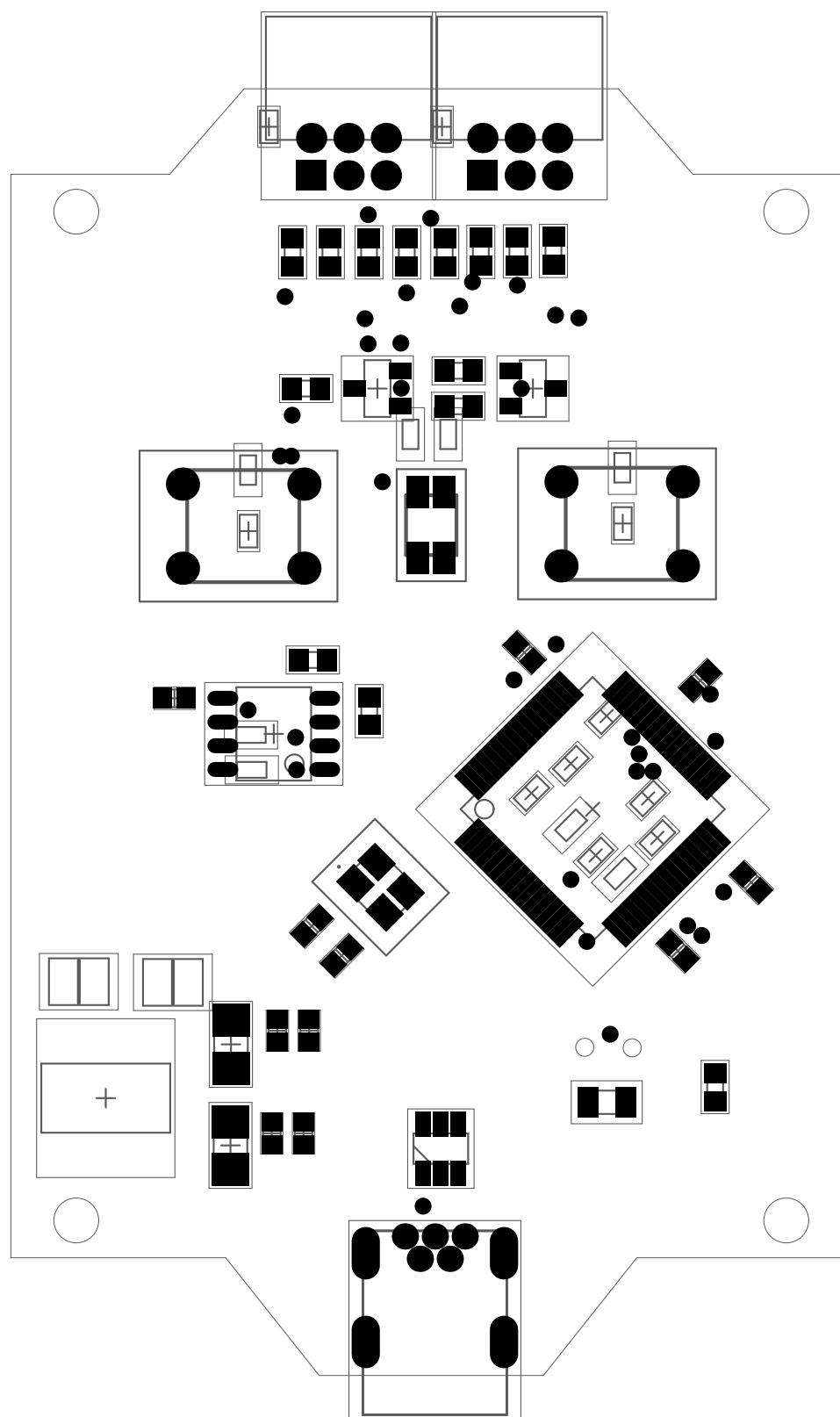
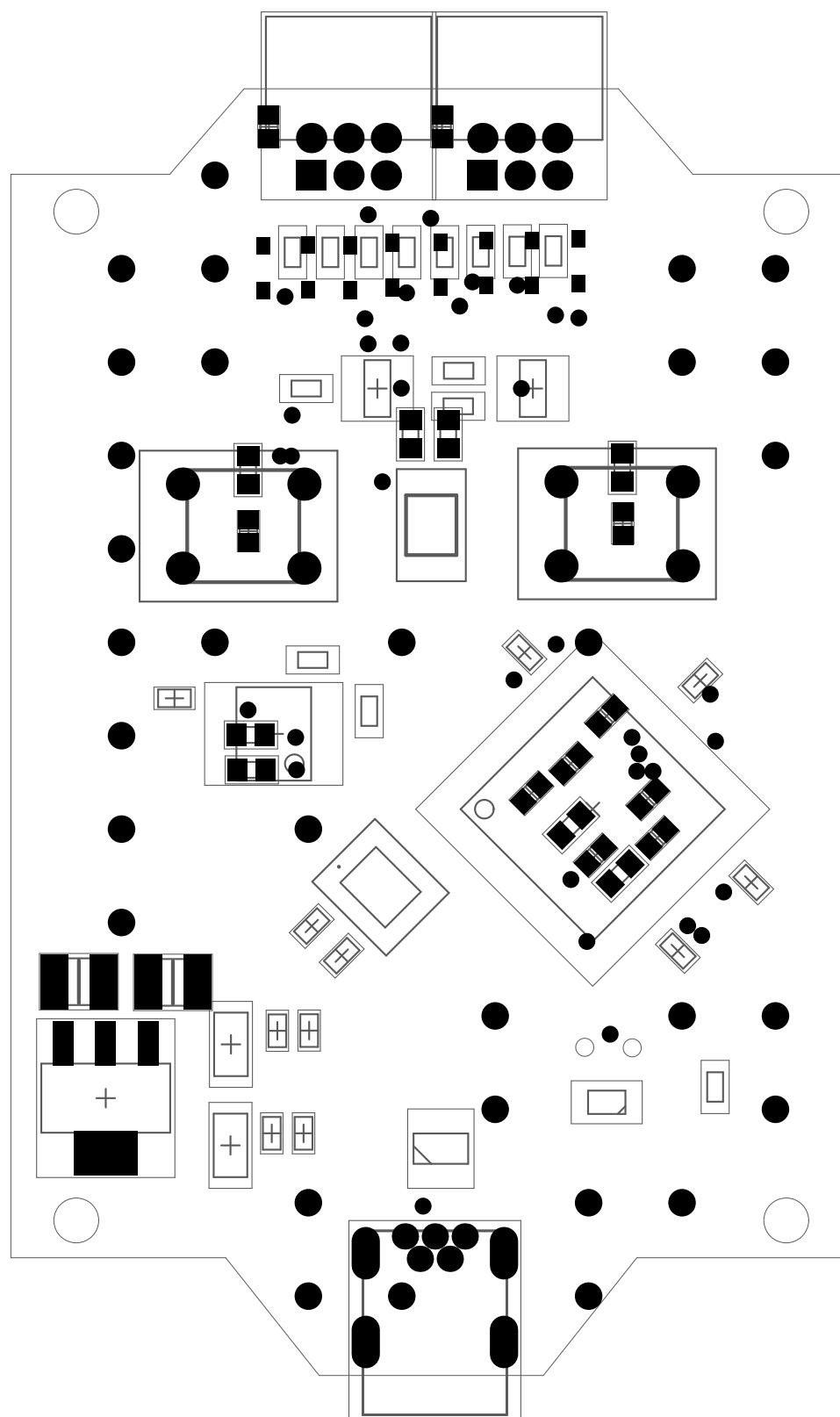


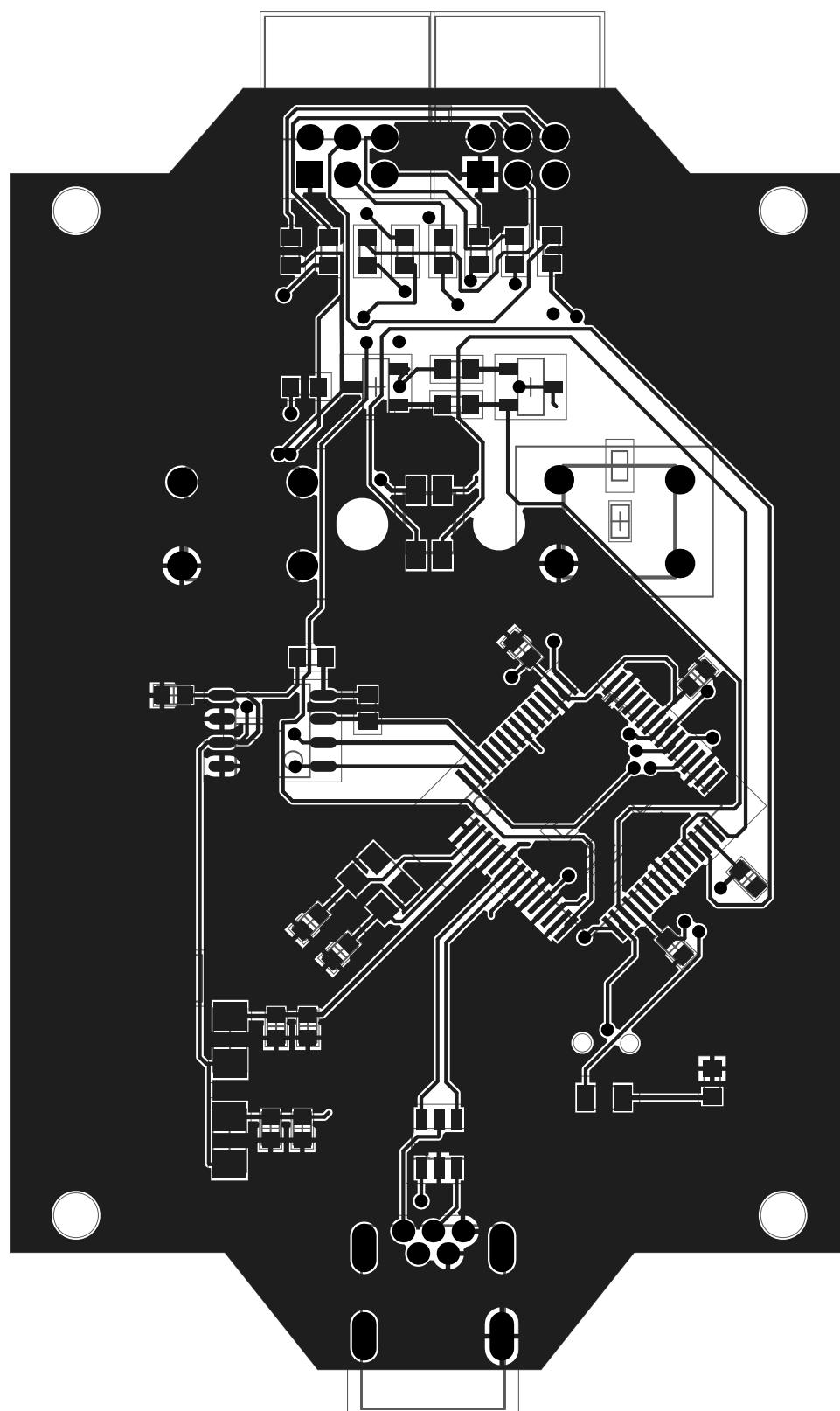
Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor		C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21	CAP-0603	C-000000011, C-000000007, C-000000010	21
Capacitor		C22, C23	CAP-1210	C-000000004, C-000000005	2
LTST-C155KGJRK		D1	LTSTC155KGJRK	LED-000000001	1
ESD7351HT1G		D2, D3, D4, D5, D6, D7, D8, D9	SOD-323-2	D-000000004	8
SML-H12U8TT86C		D10	LEDC2012X90N	LED-000000002	1
Header 3X2		J1, J2	SHDR6W75P200_2X3_865X640X650P	J-000000001	2
USB_minB		J3	XMTD-0512	J-000000003	1
MPZ1608S102A		L1, L2	RESC3216X18N	L-000000001	2
BJT		Q1, Q2	SOT95P245X112-3N	Q-000000003	2
Resistor	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22	R0603	R-000000002	22
SW-PB		S1, S2	SKHHDHA010	SW-000000001	2
FT2232HL-REEL		U1	TSQFP50P1200X1200X160-64N	U-000000002	1
93C46		U2	SOIC127P600X175-8N	U-000000003	1
Voltage Regulator		U3	REG-SOT230P700X180-4N	U-000000004	1
USBLC6-2SC6		U4	SOT95P280X145	U-000000006	1
XTAL4		Y1	WE-4XTAL3.2x2.5mm	Y-000000002	1

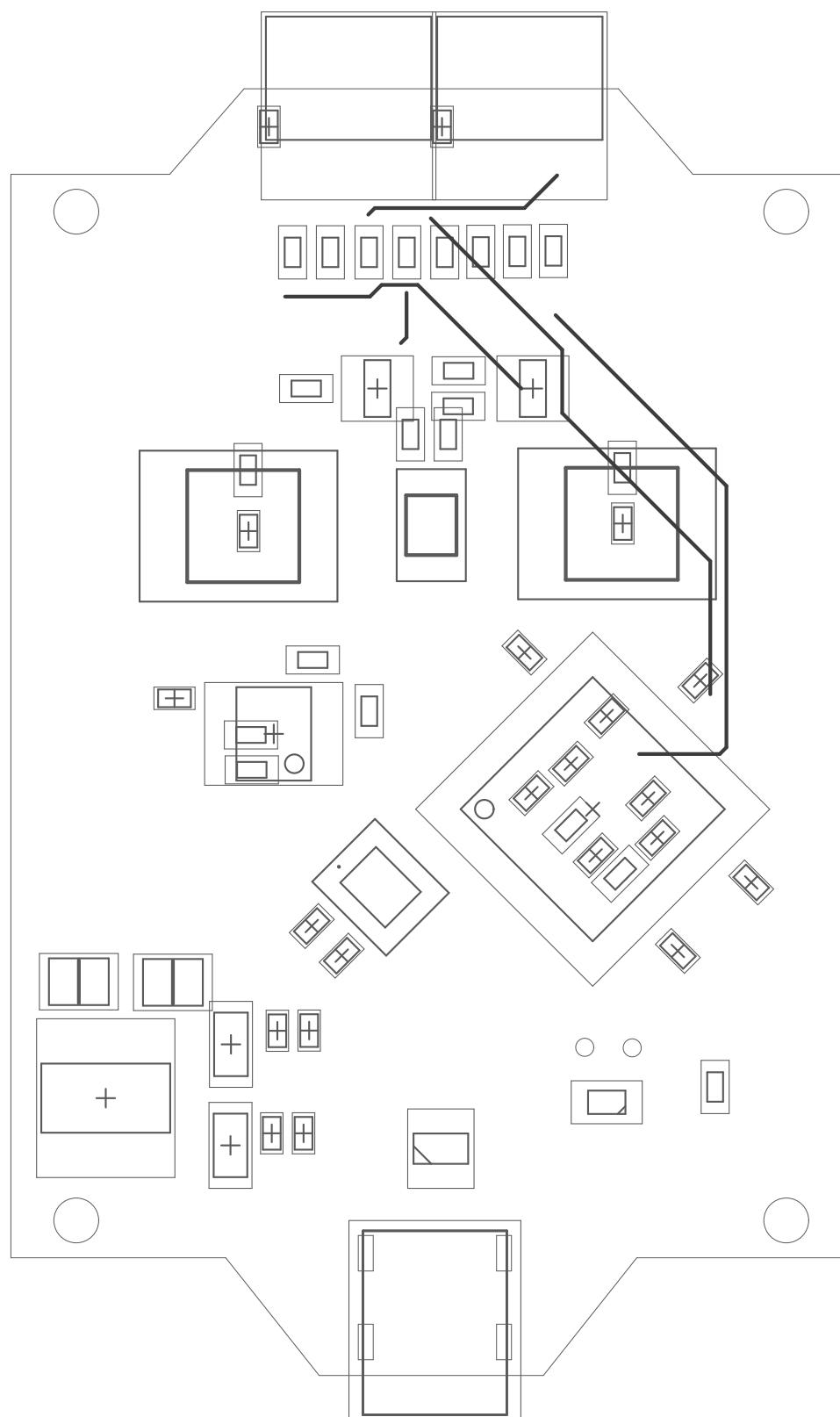


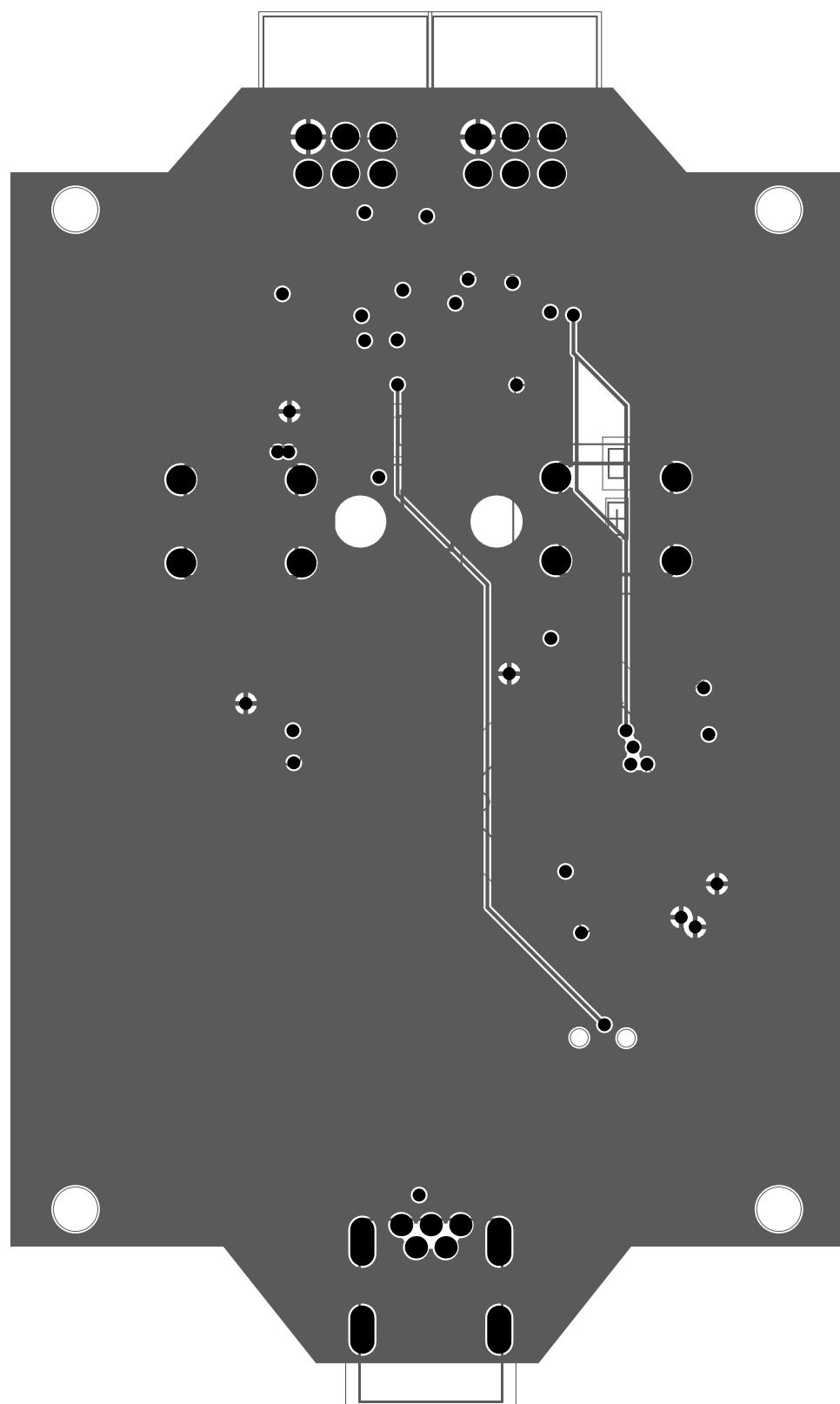


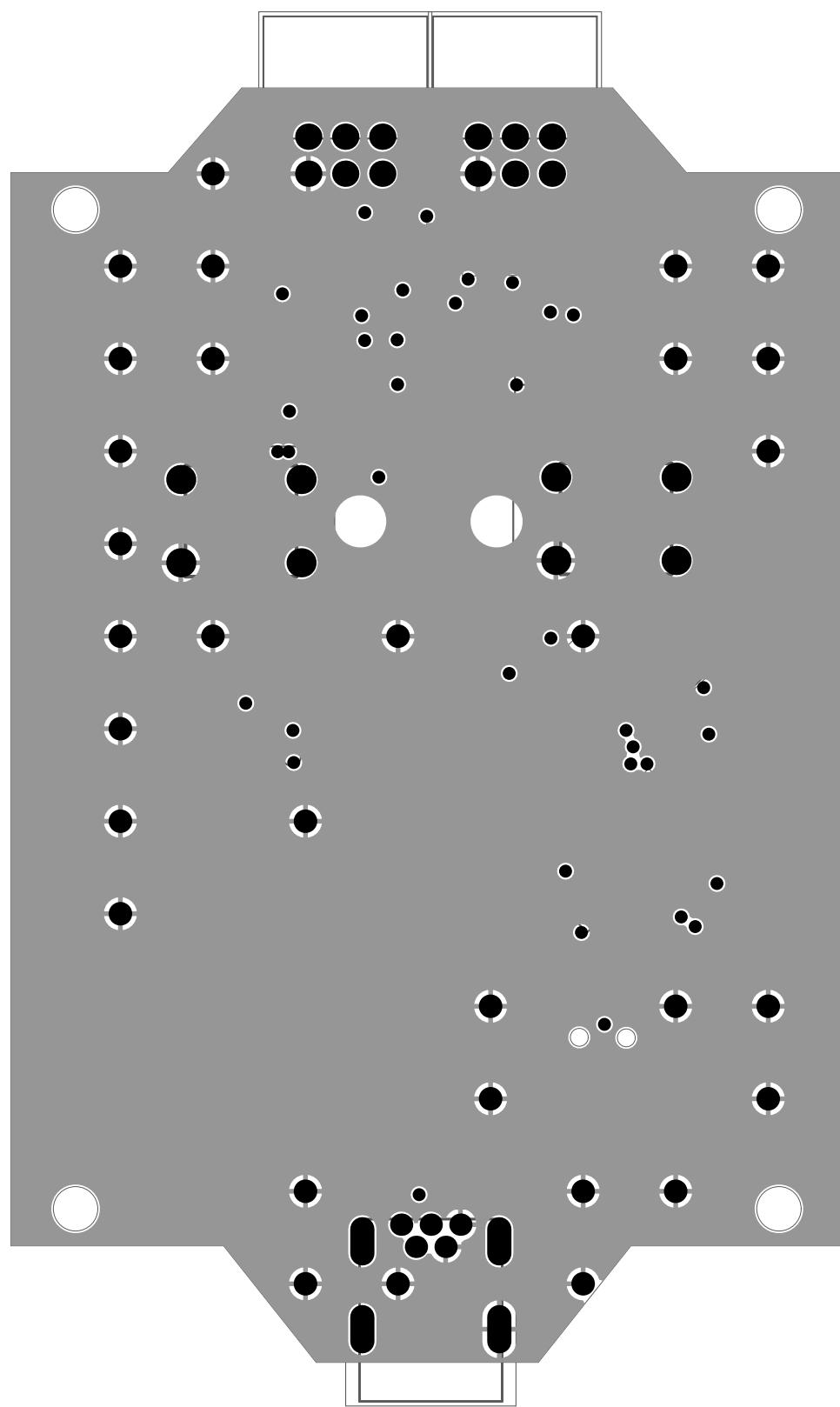


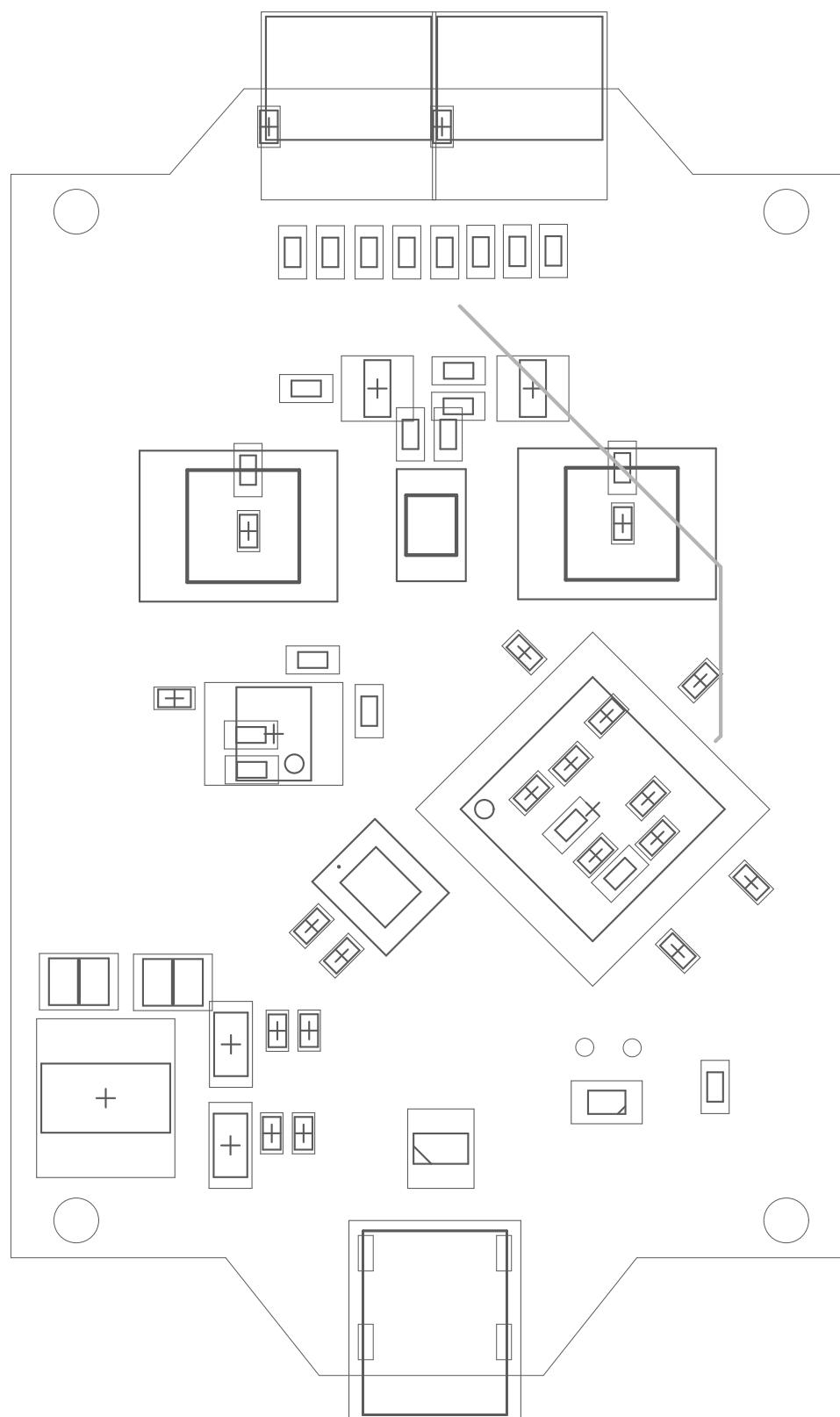


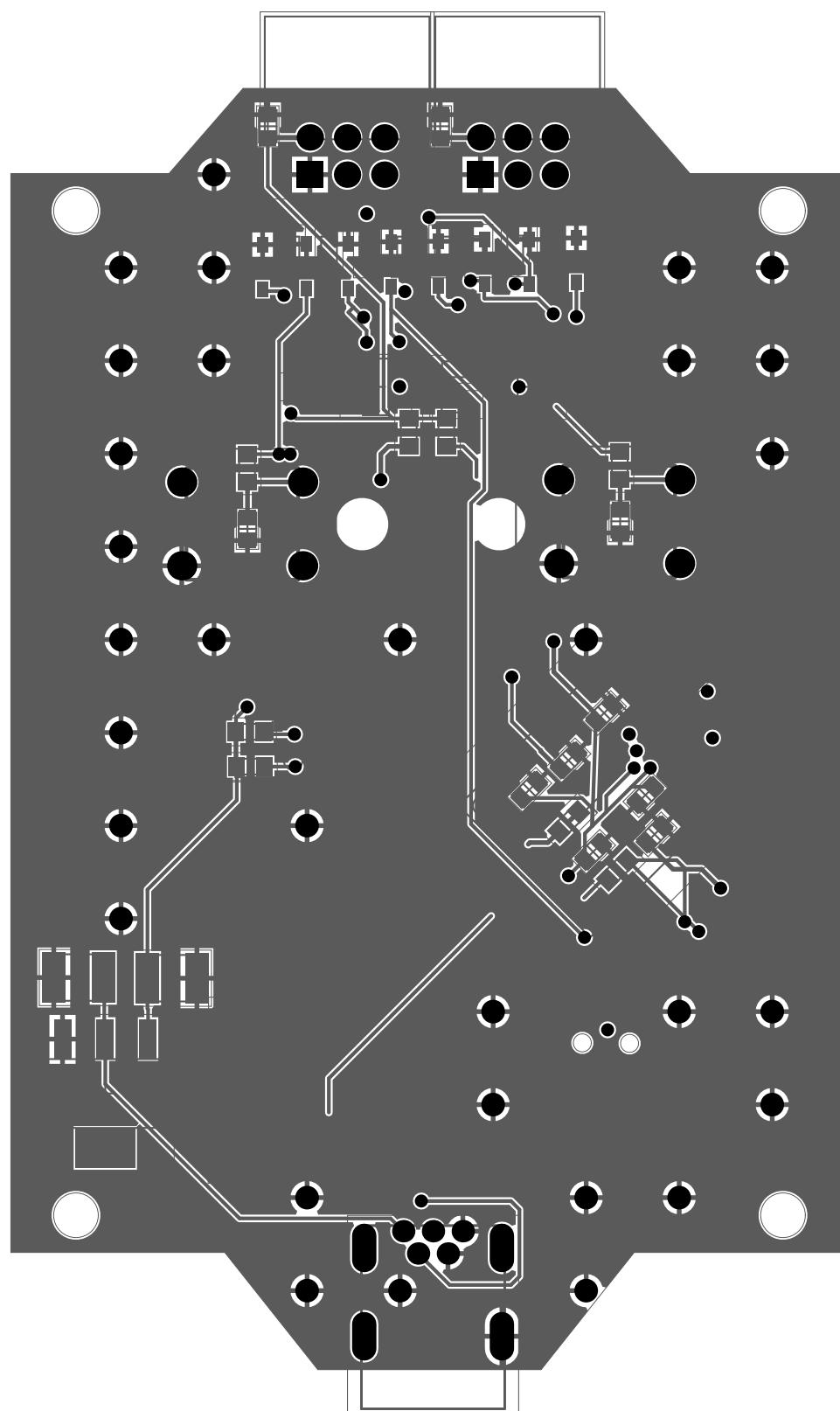


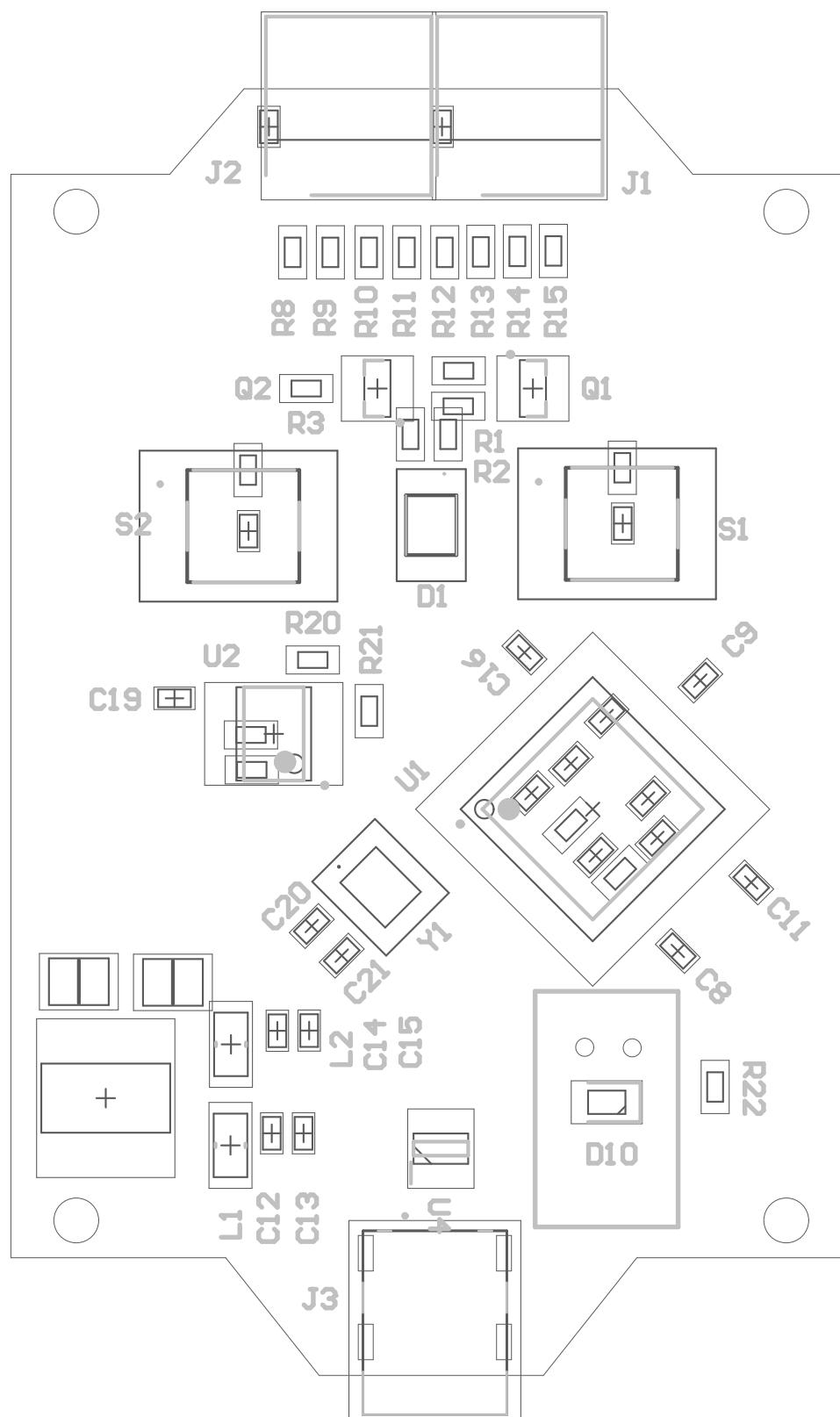


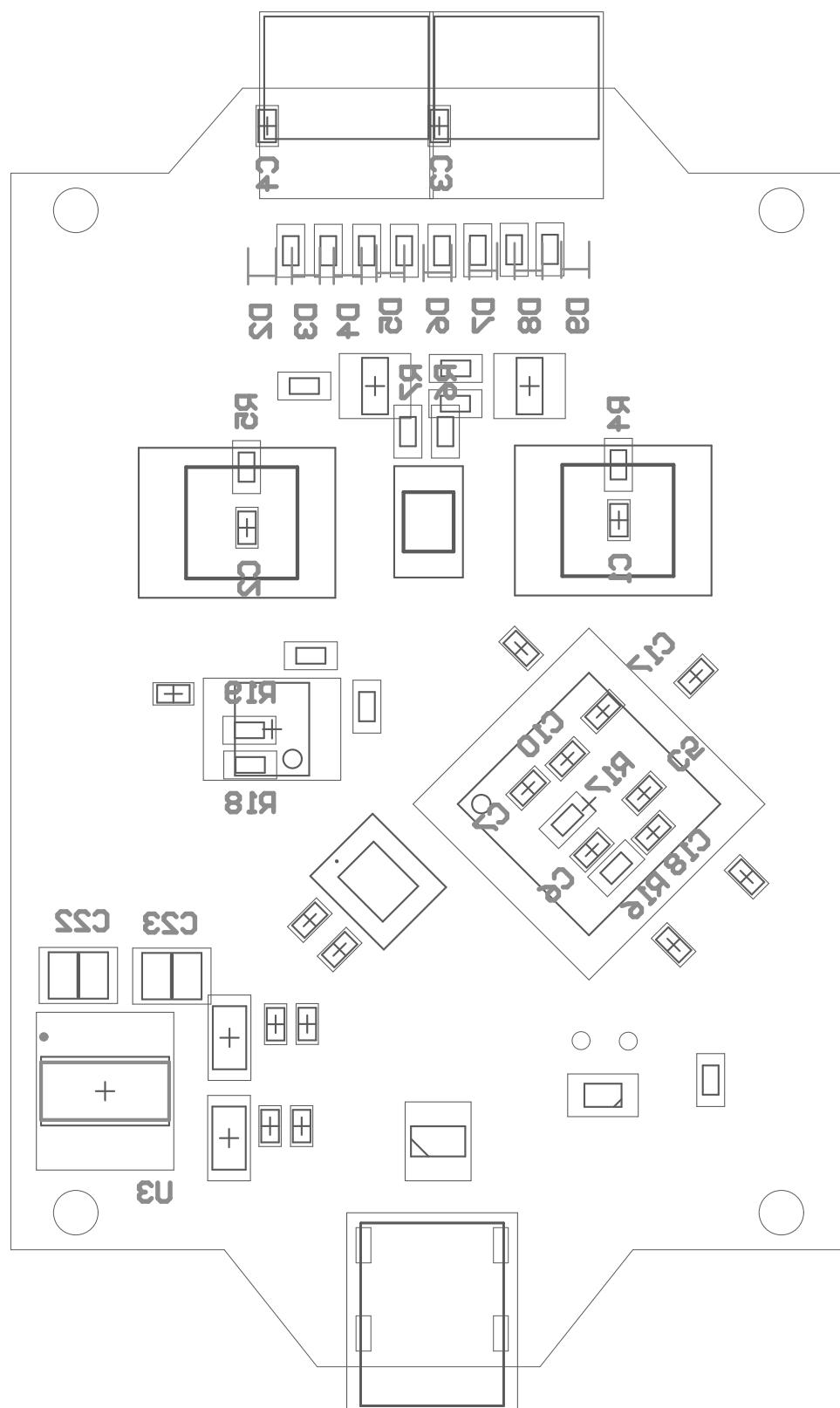


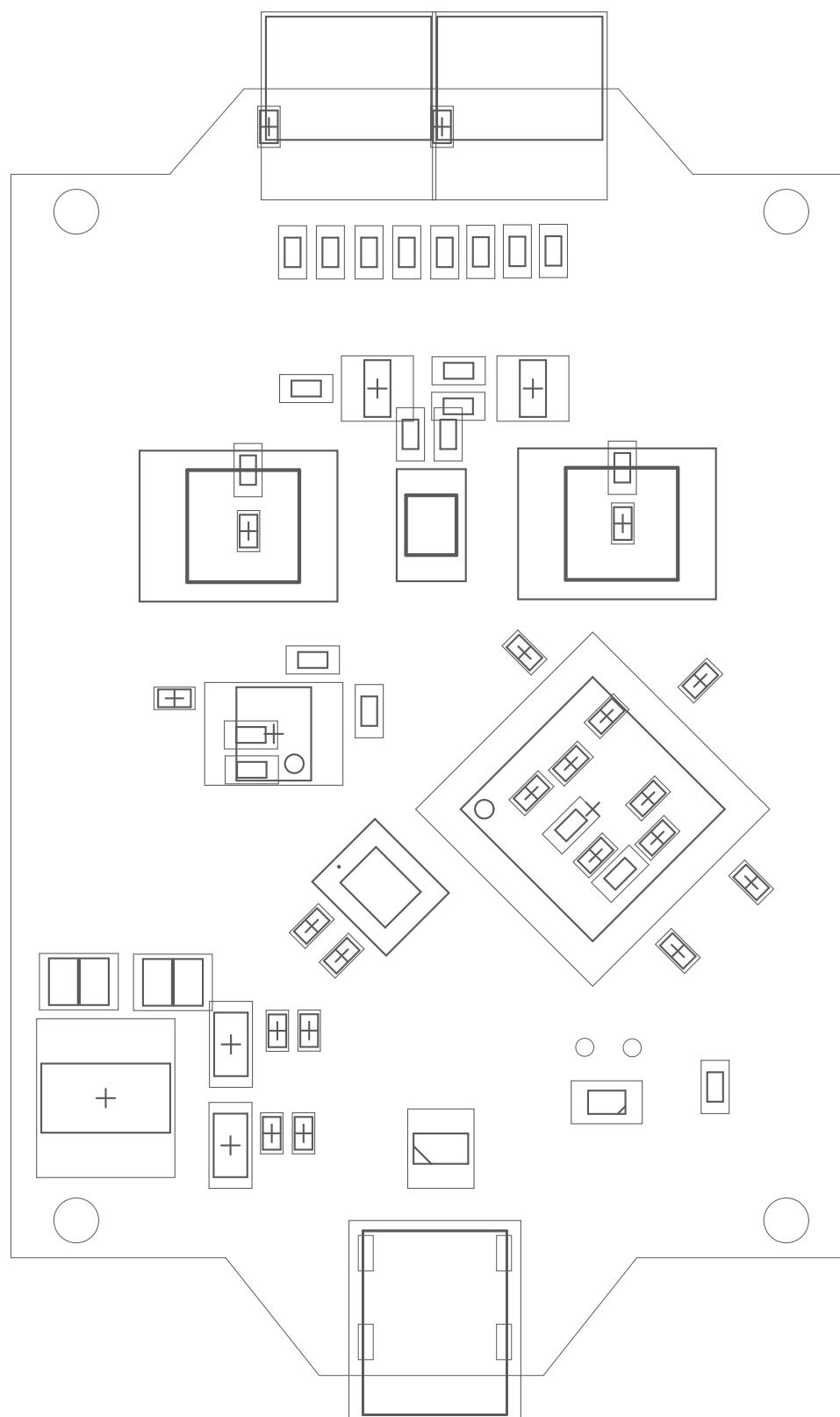


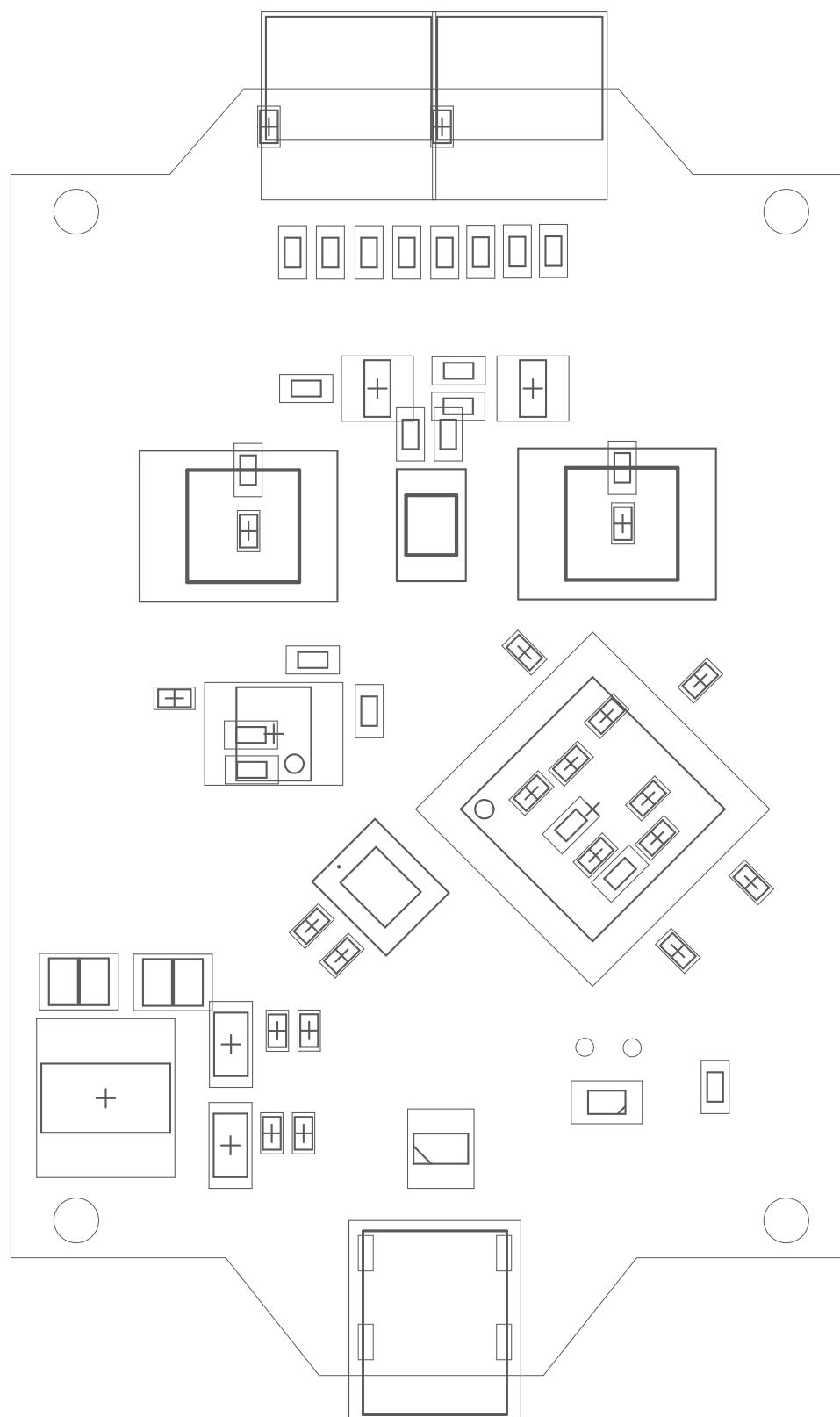


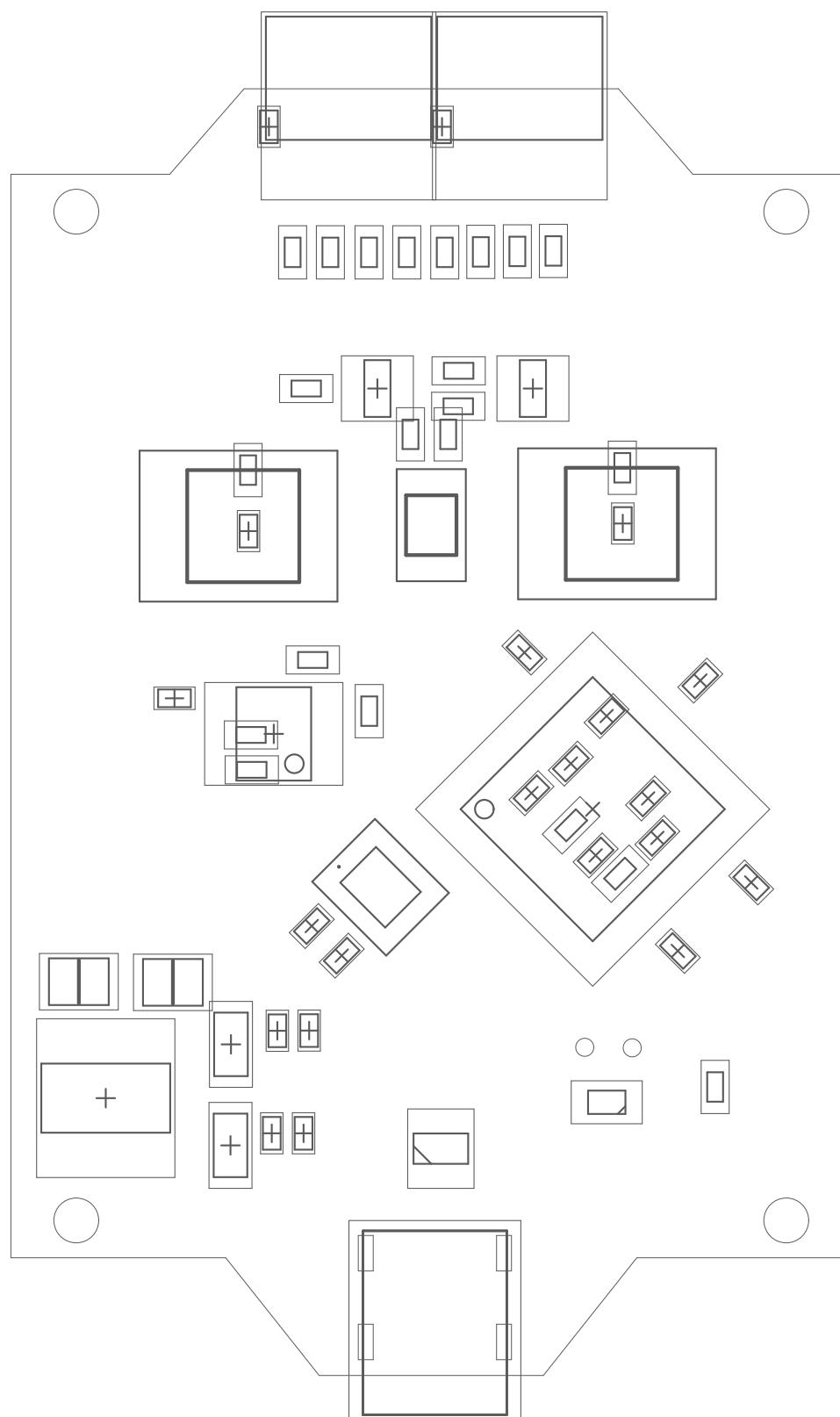


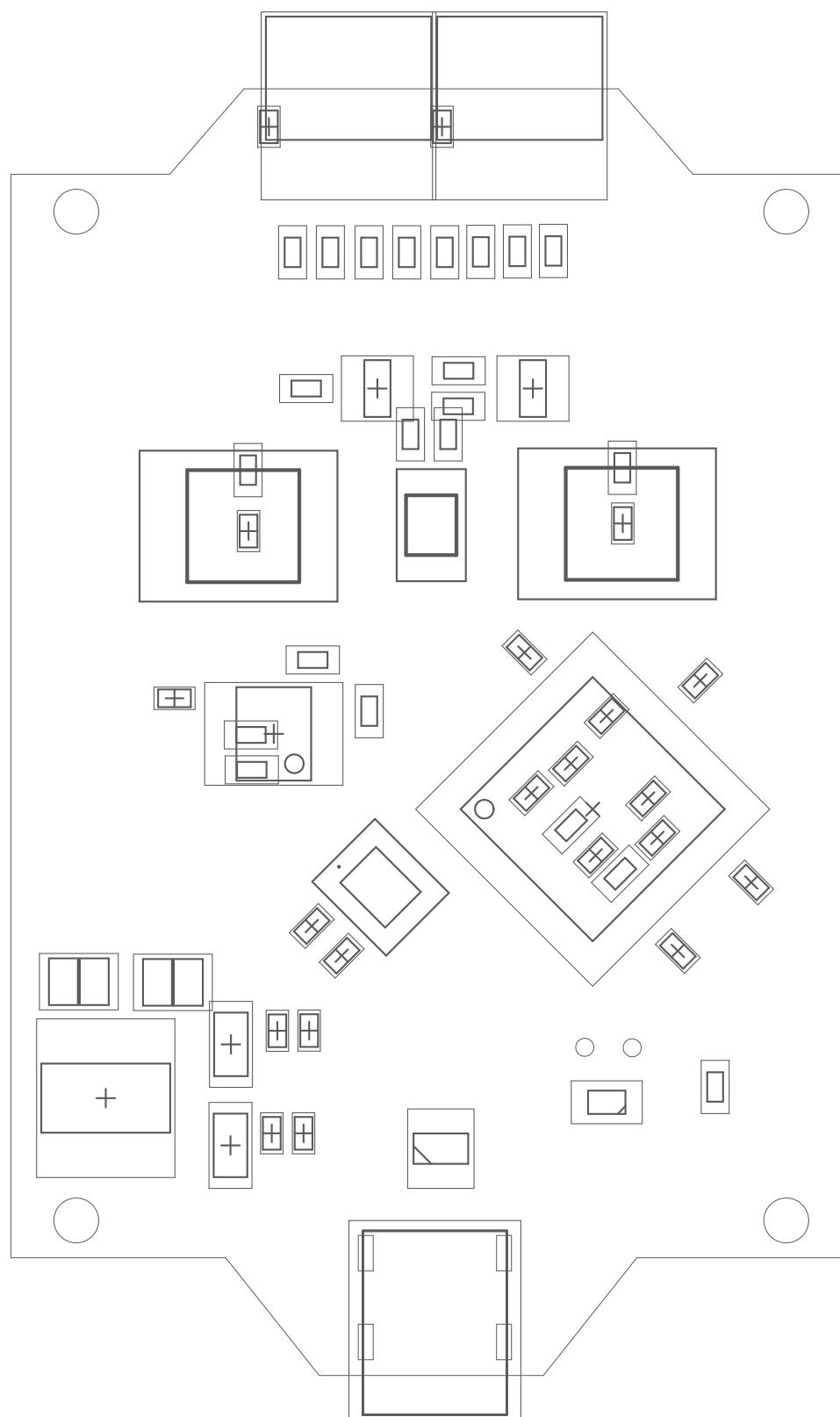


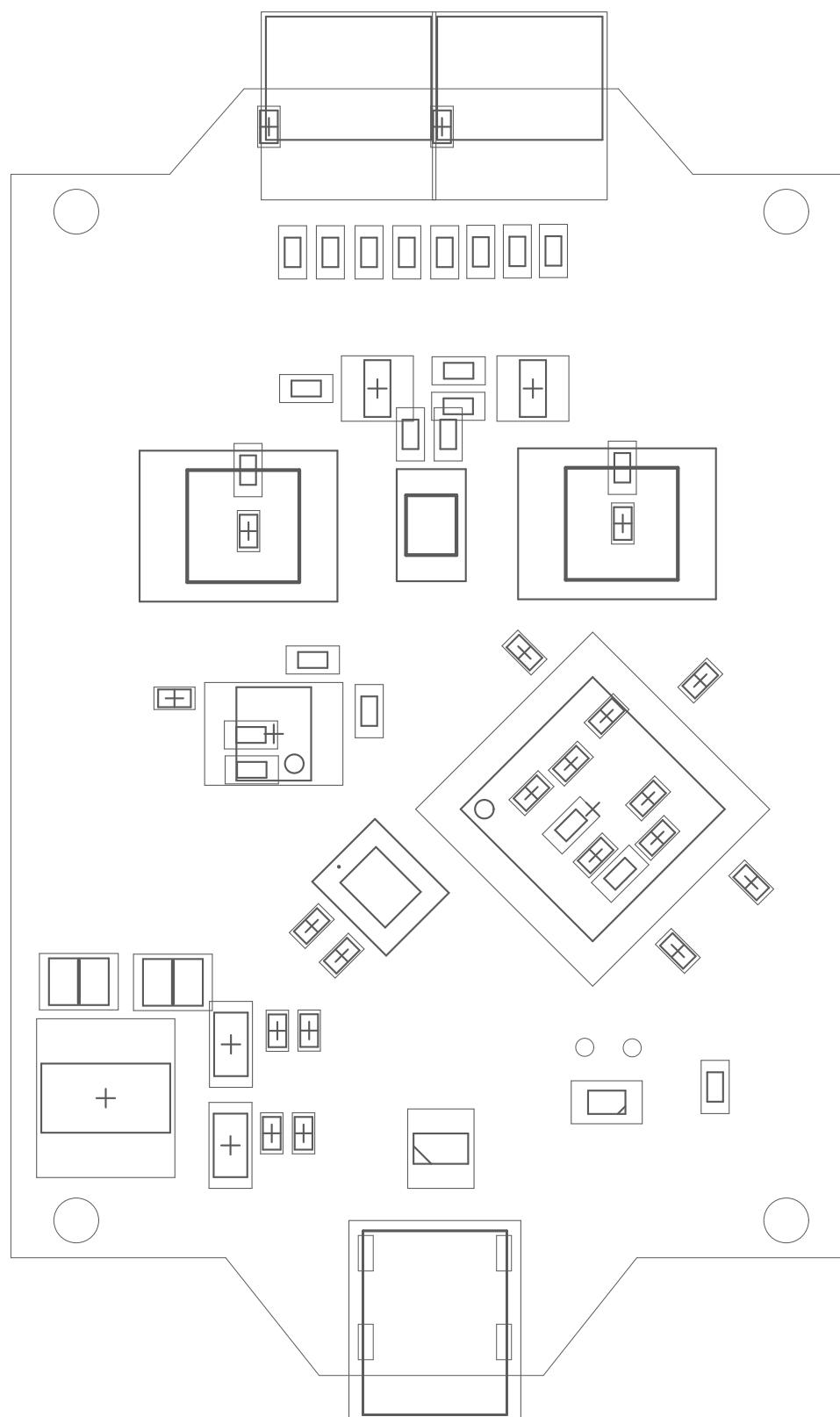


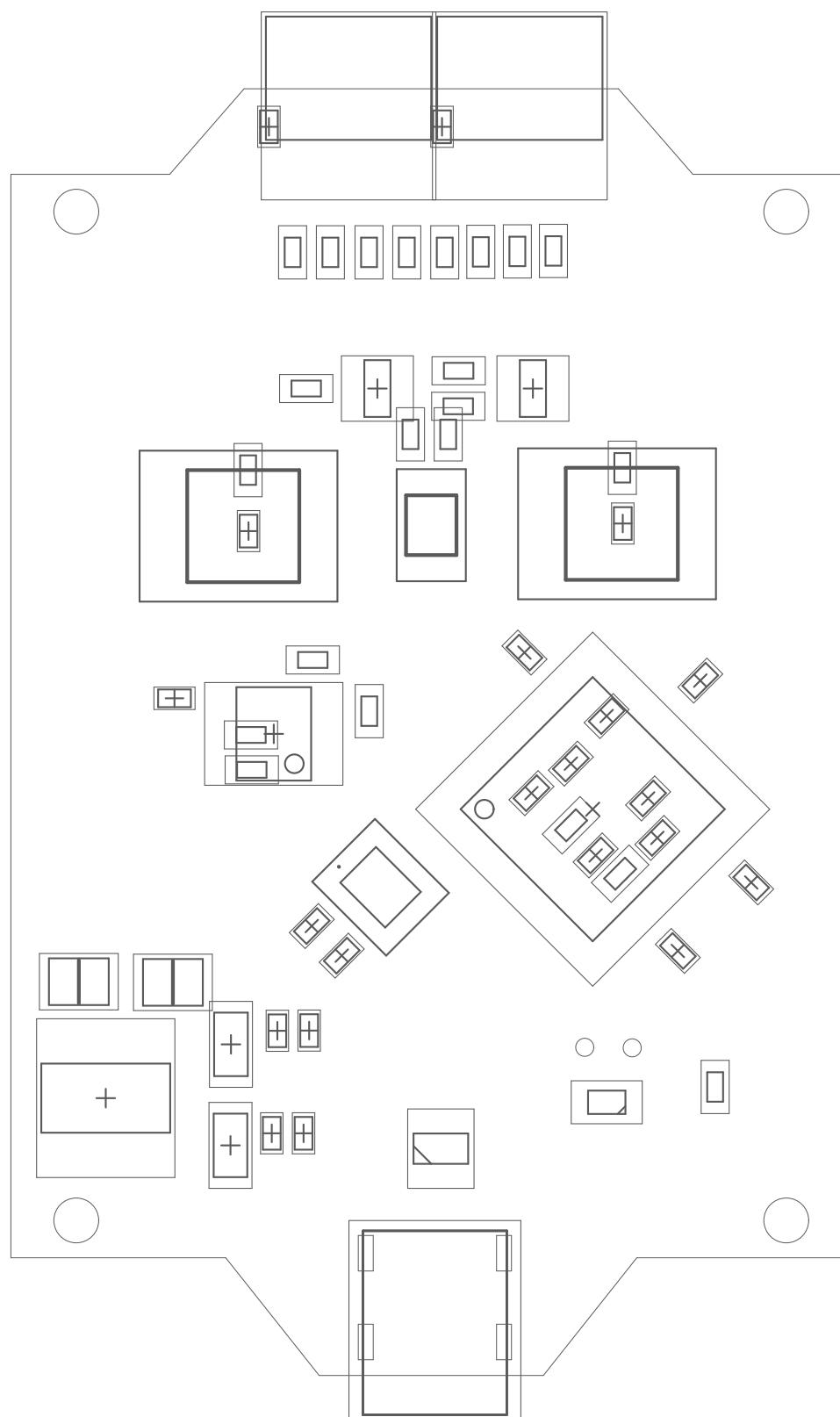


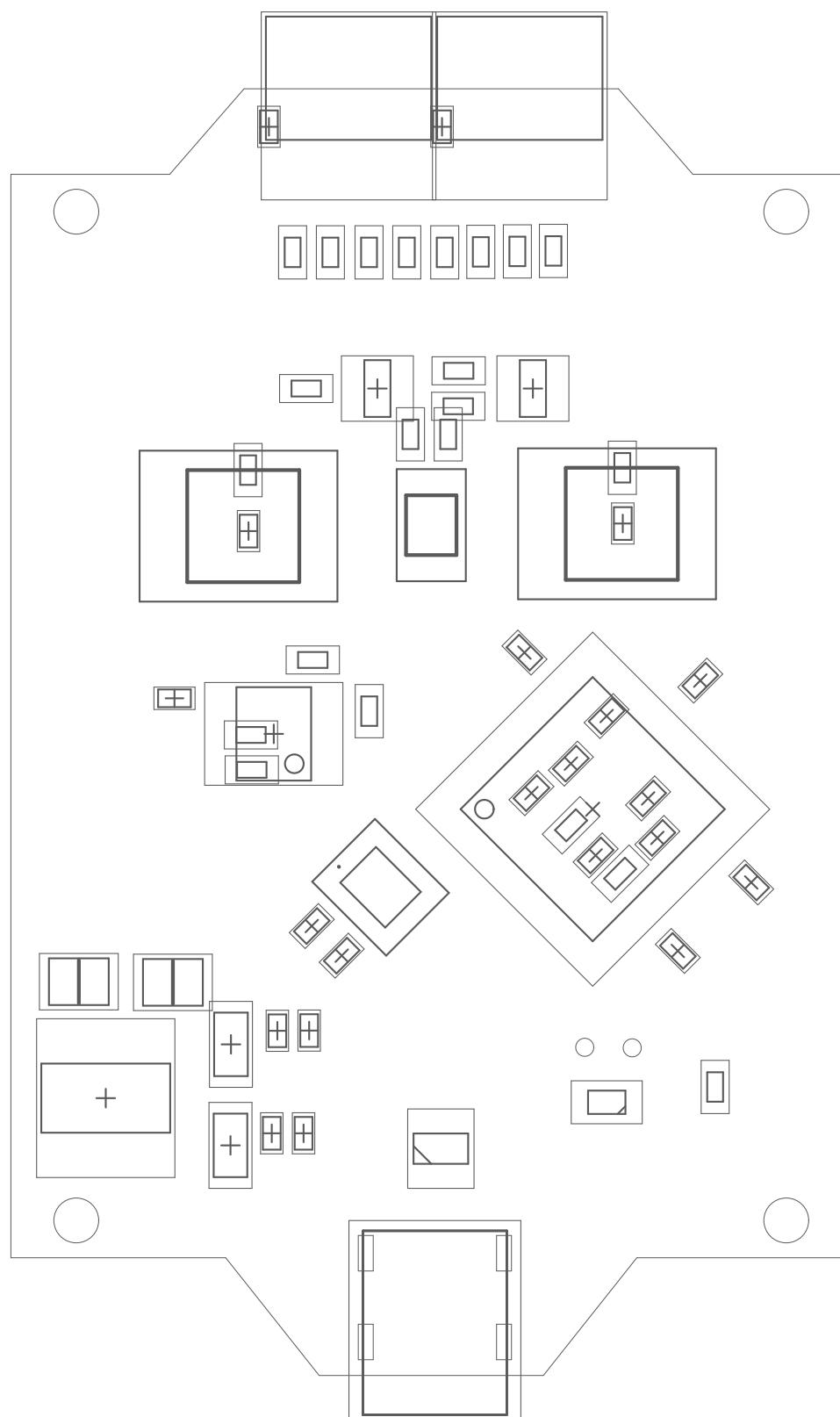


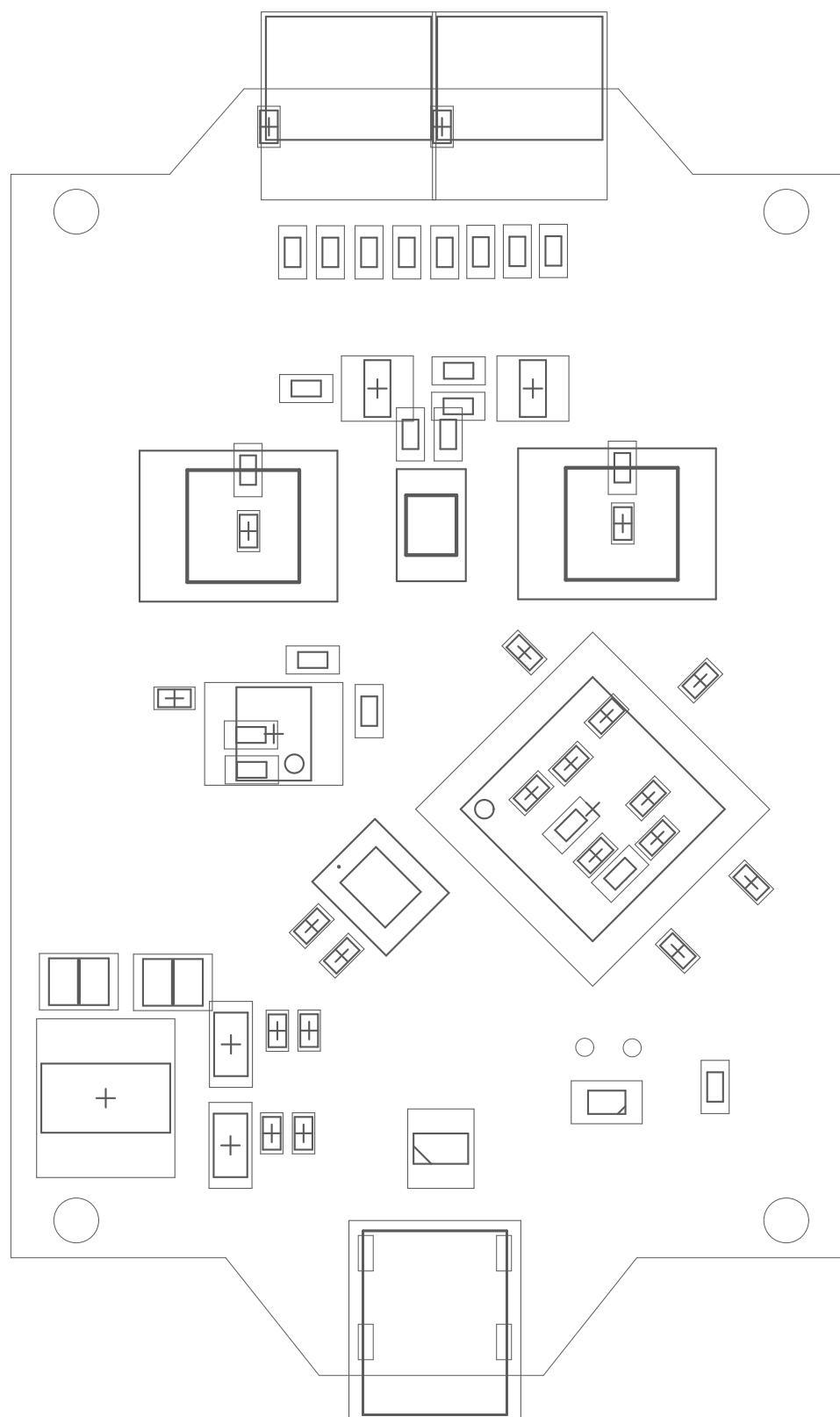


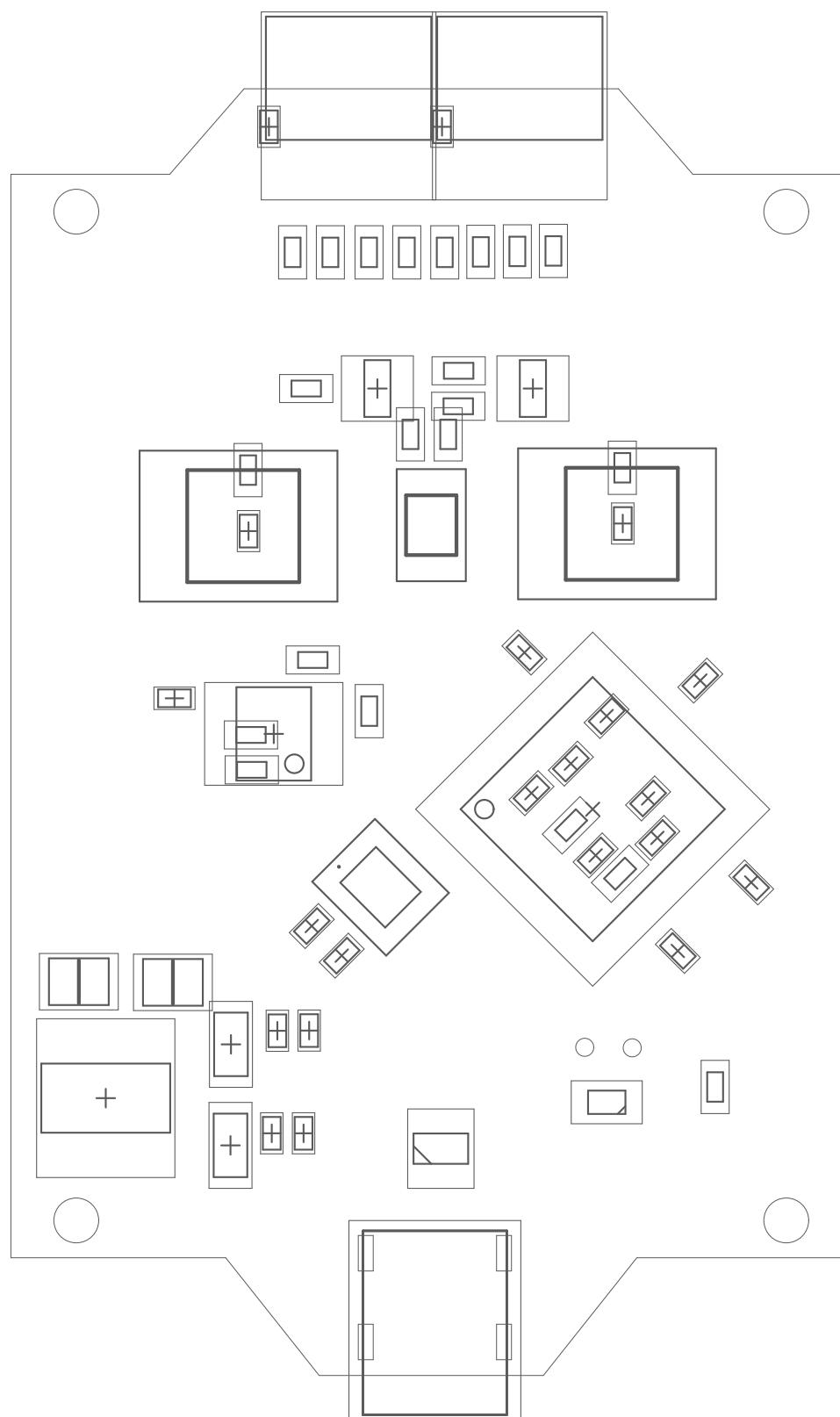


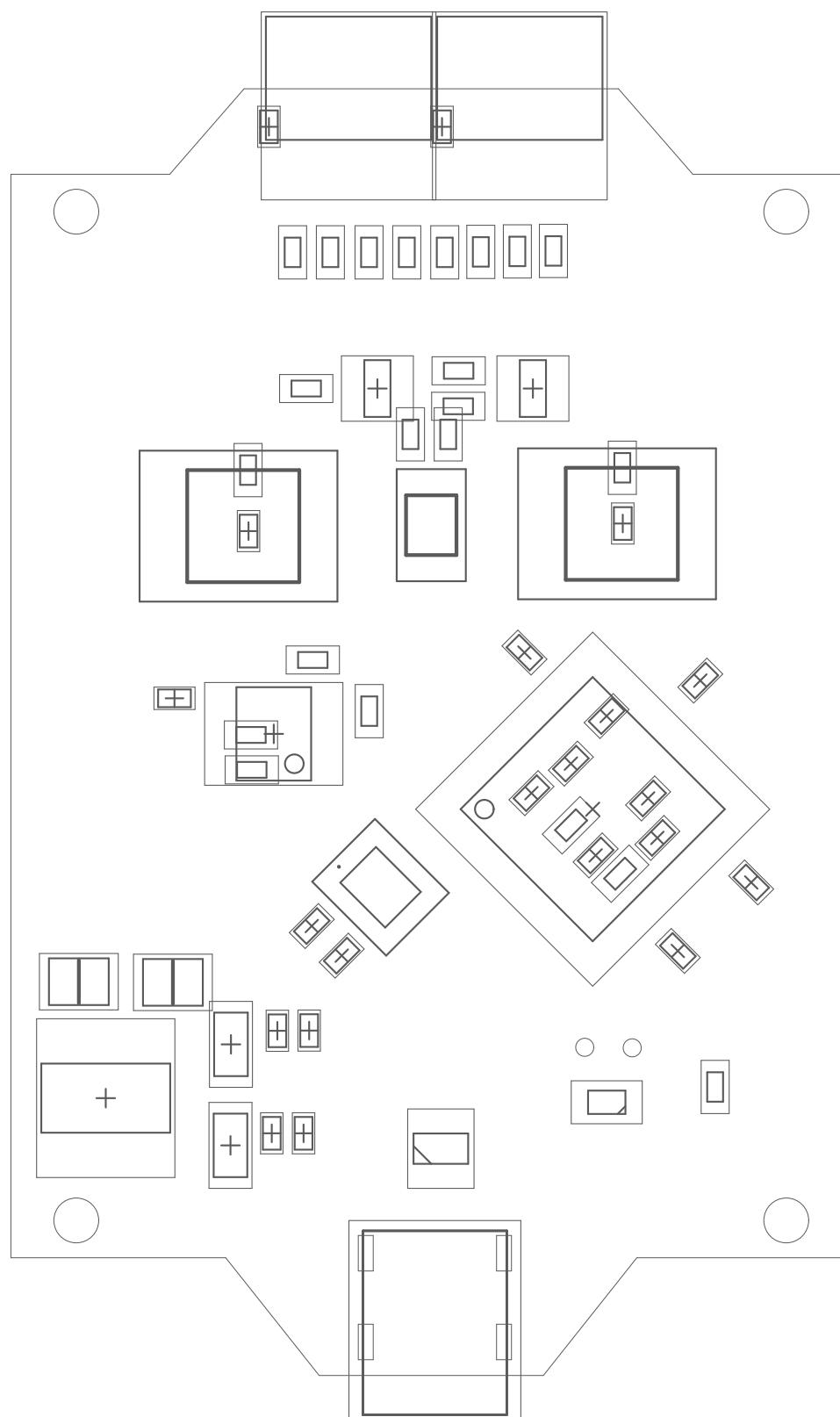


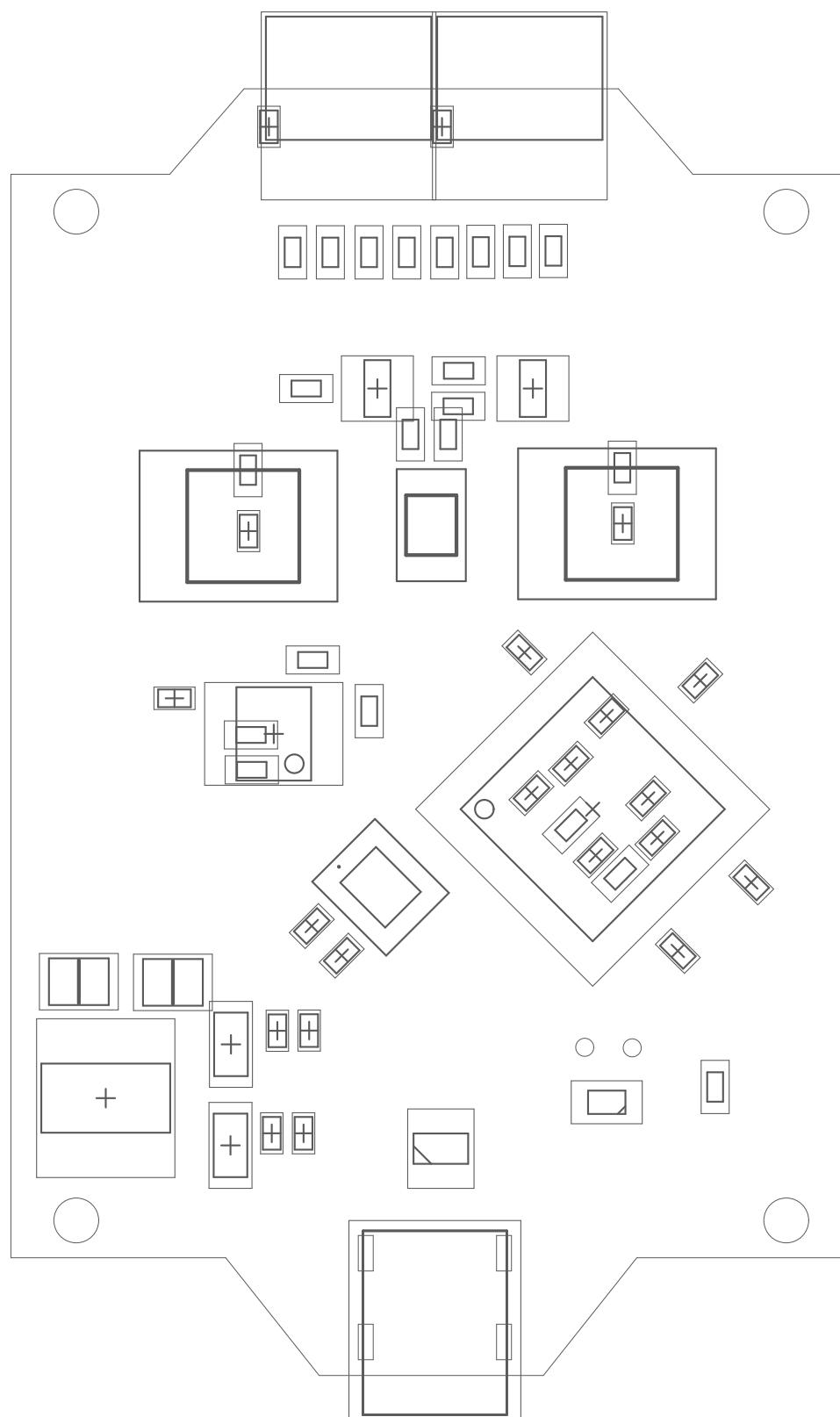


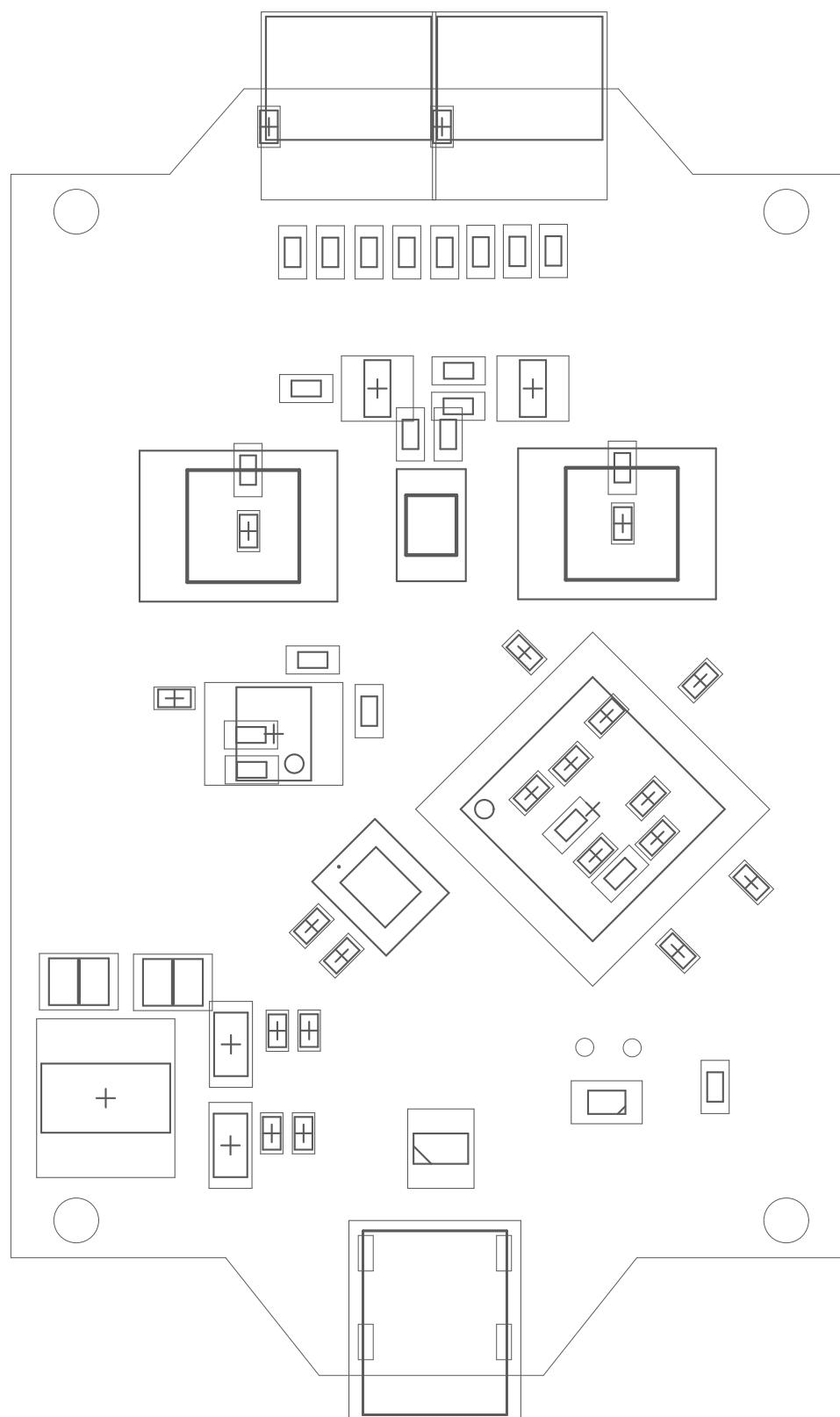


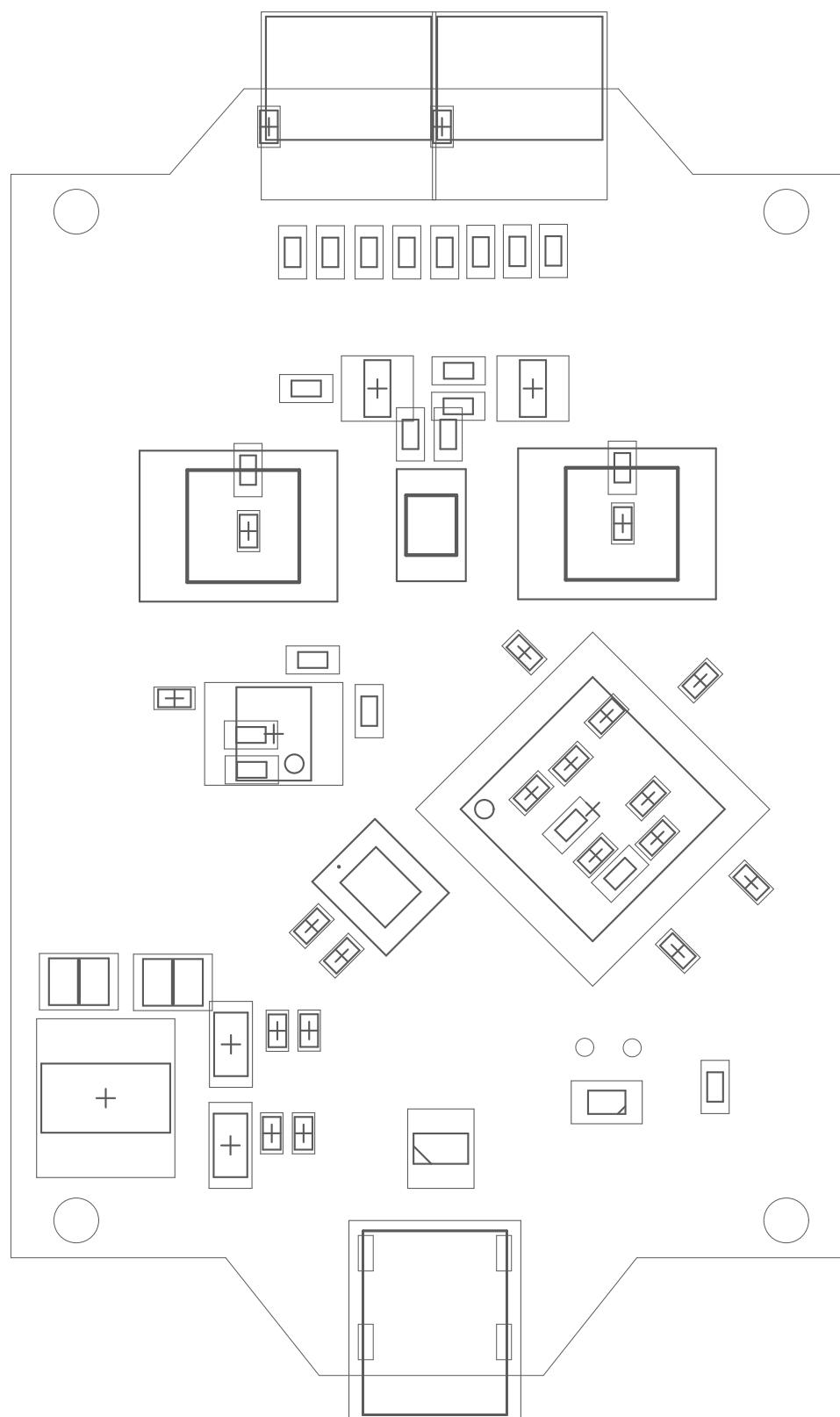


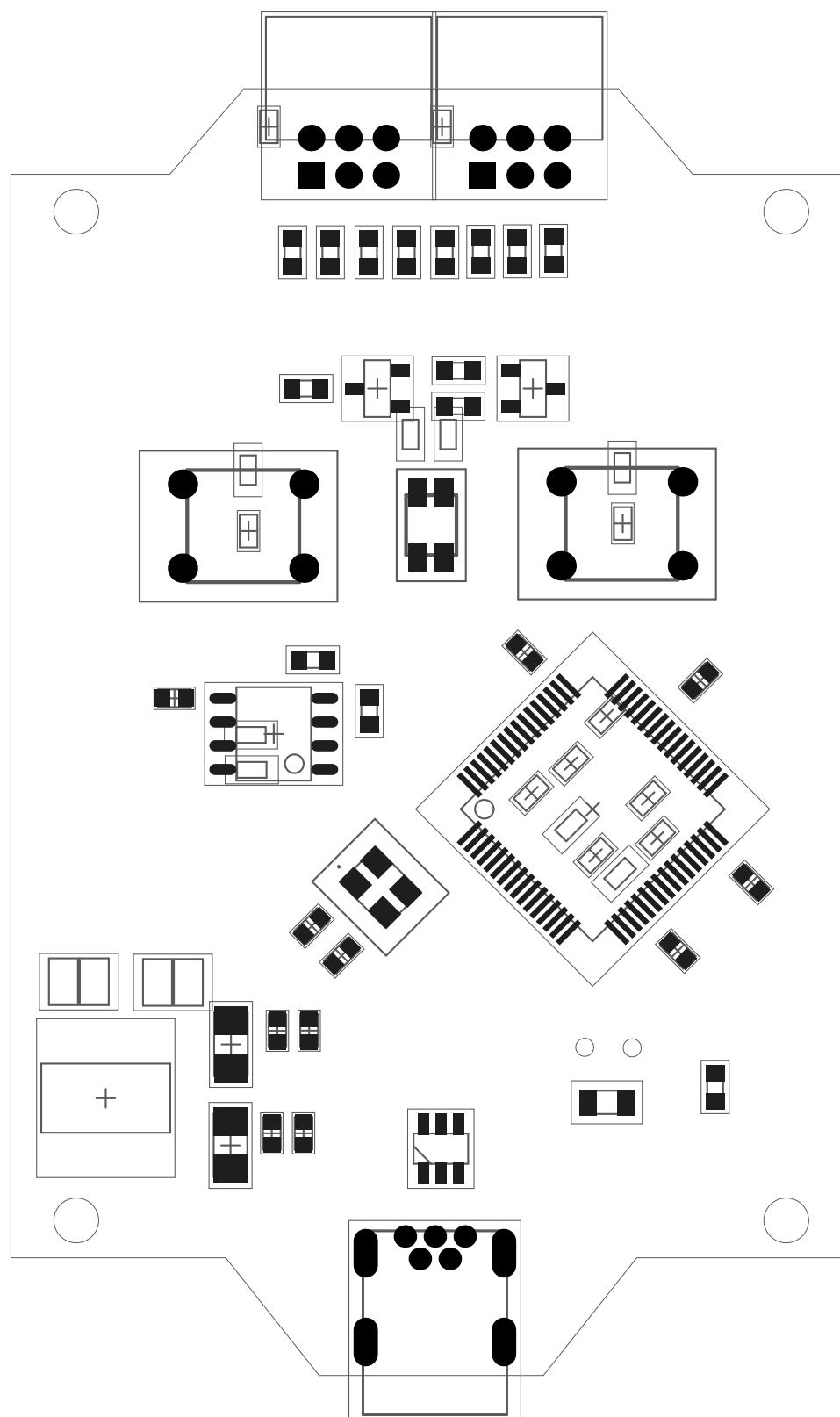


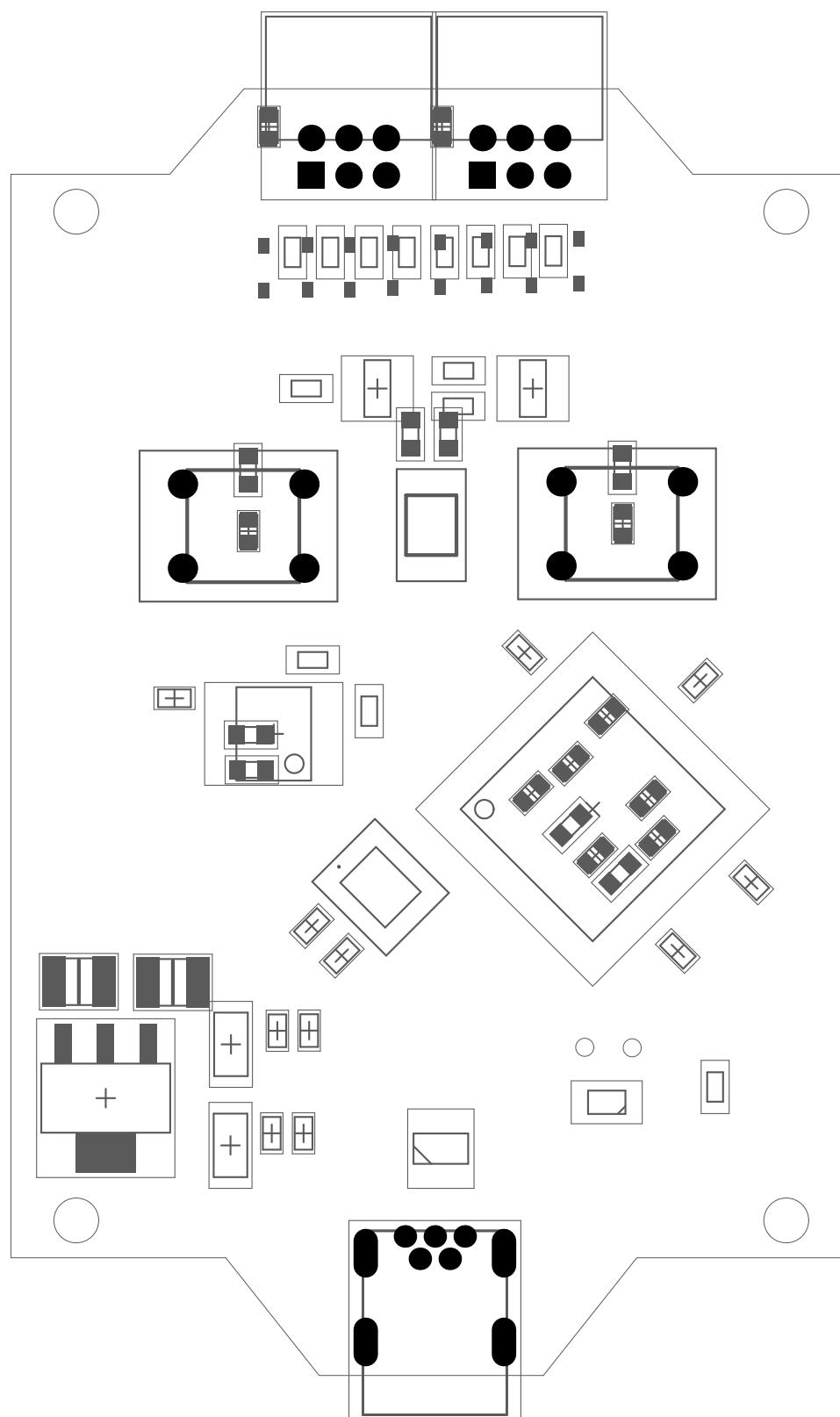


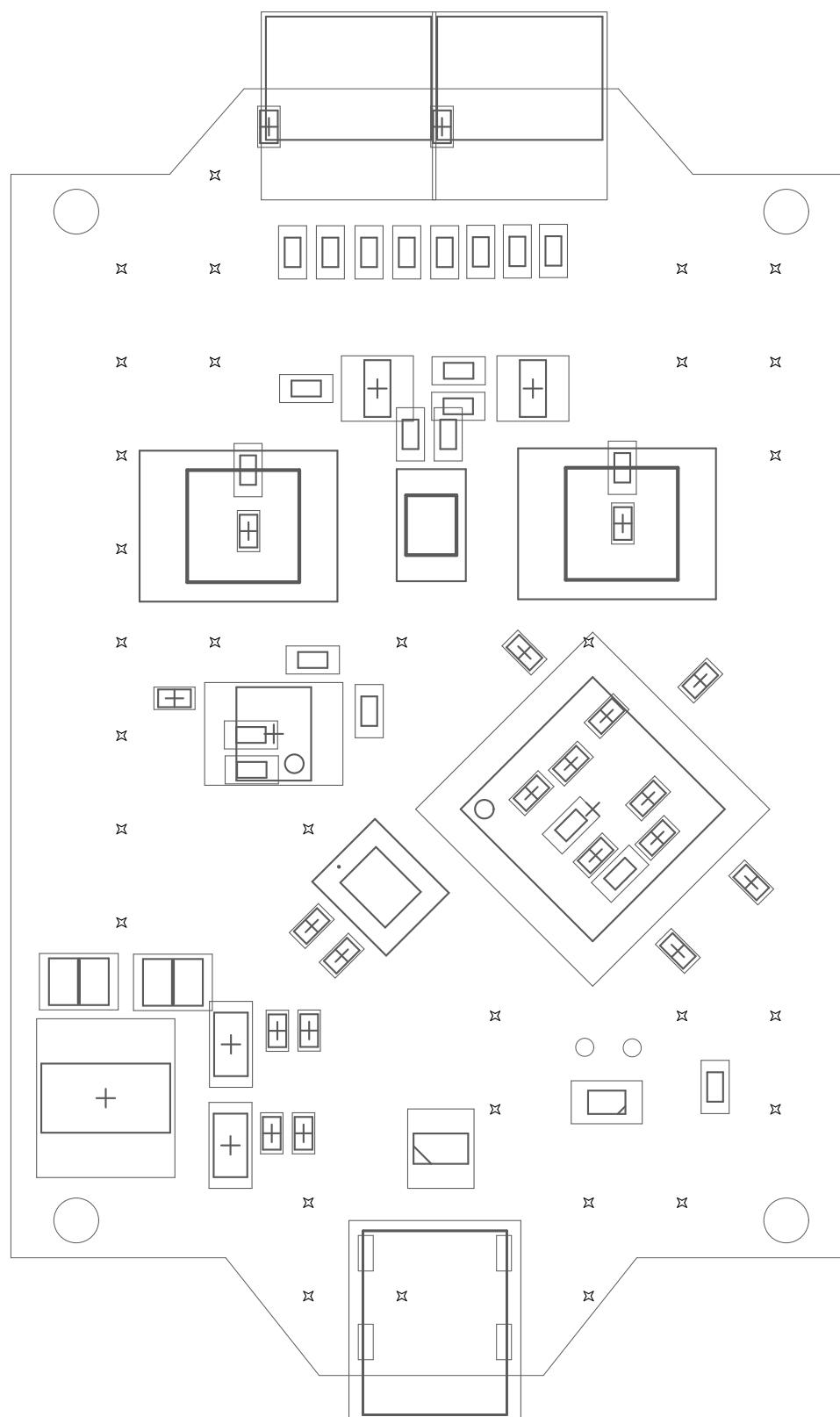


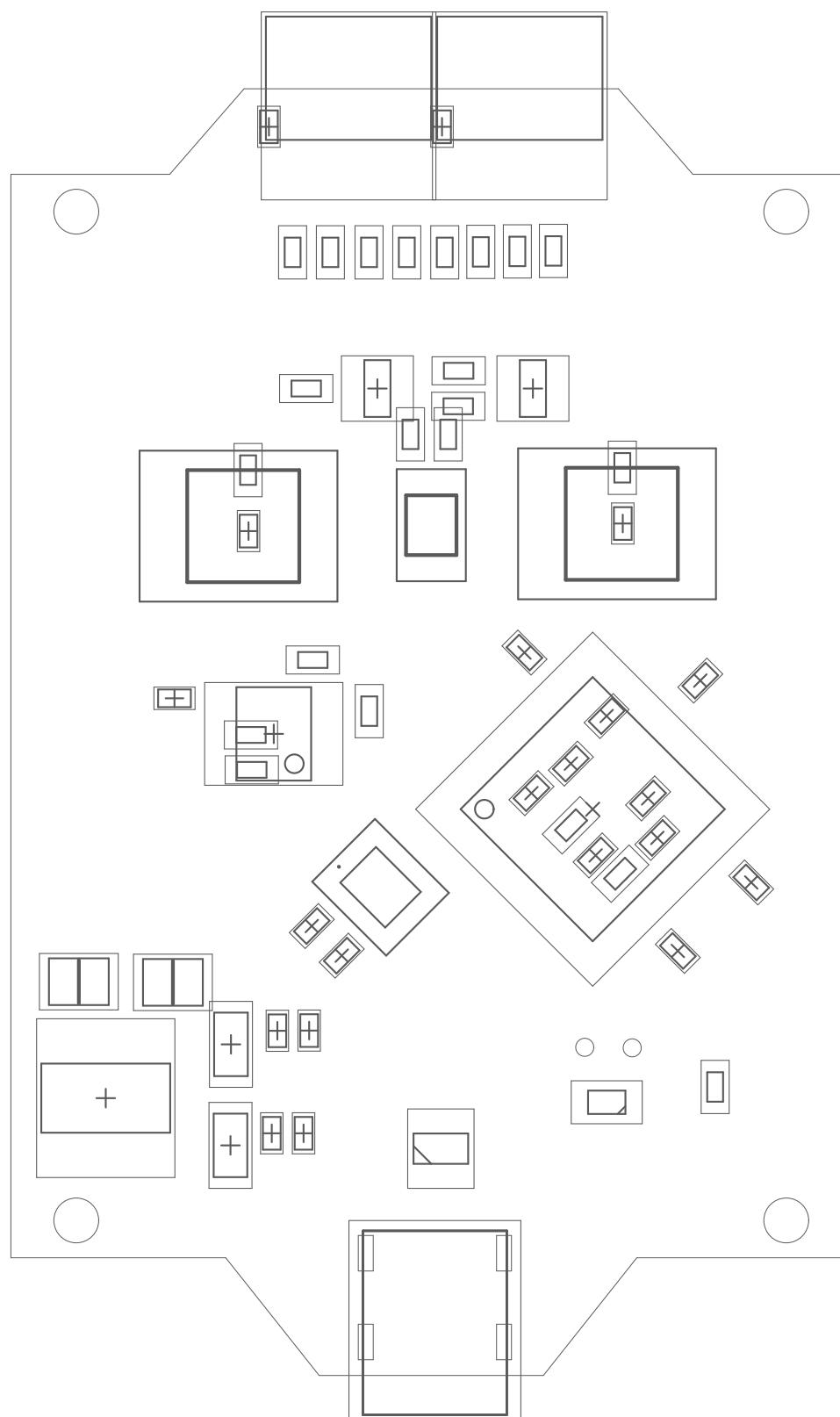


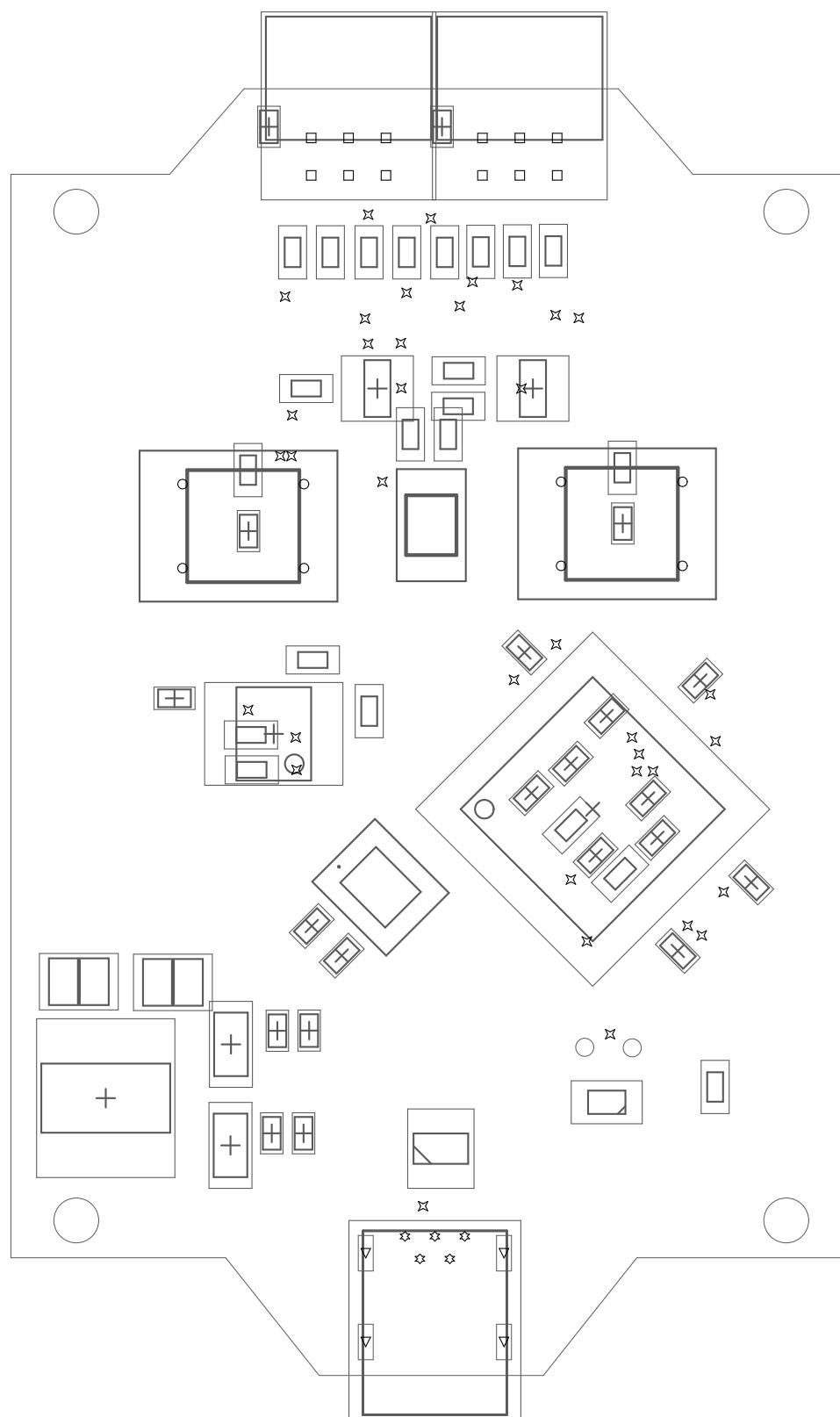


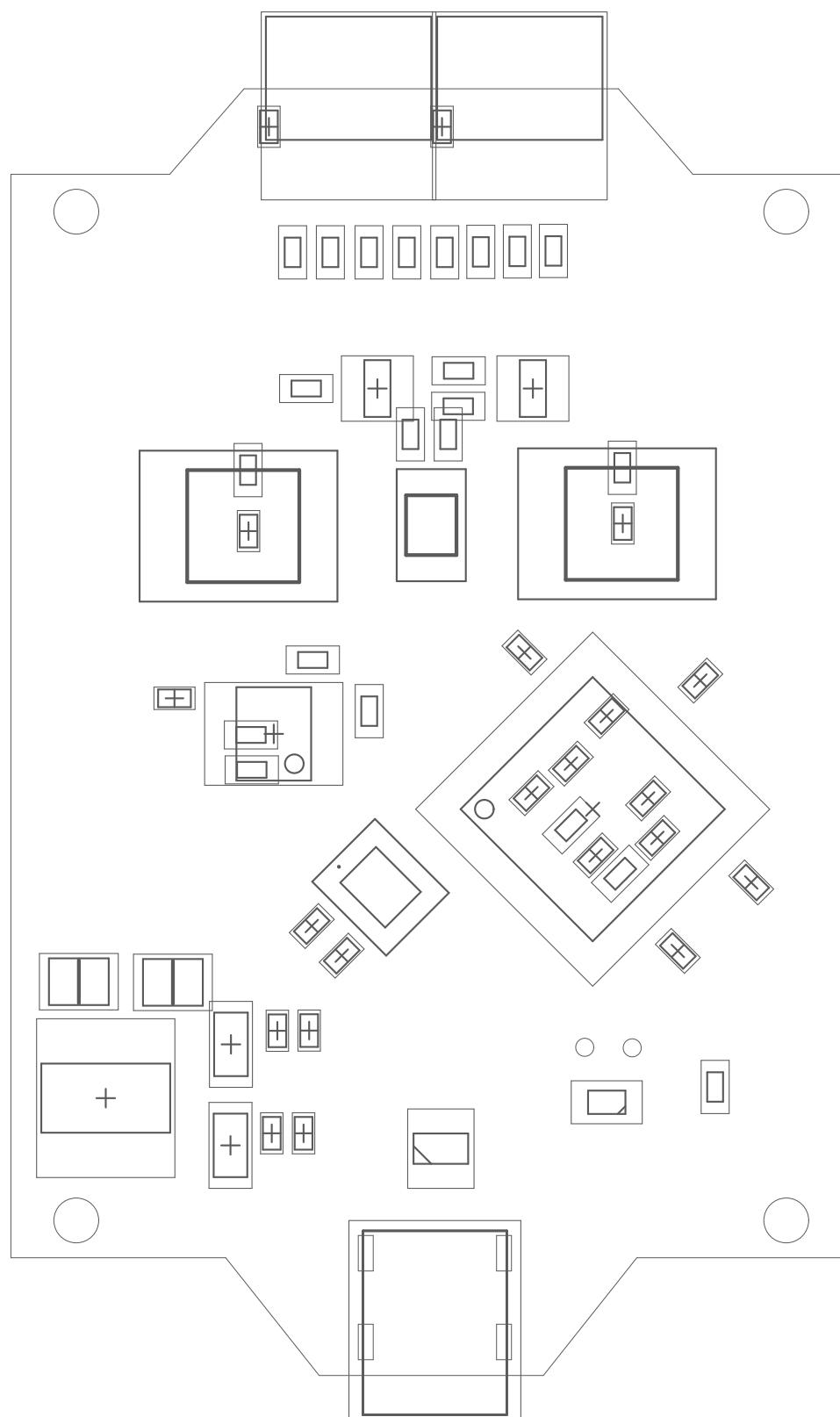


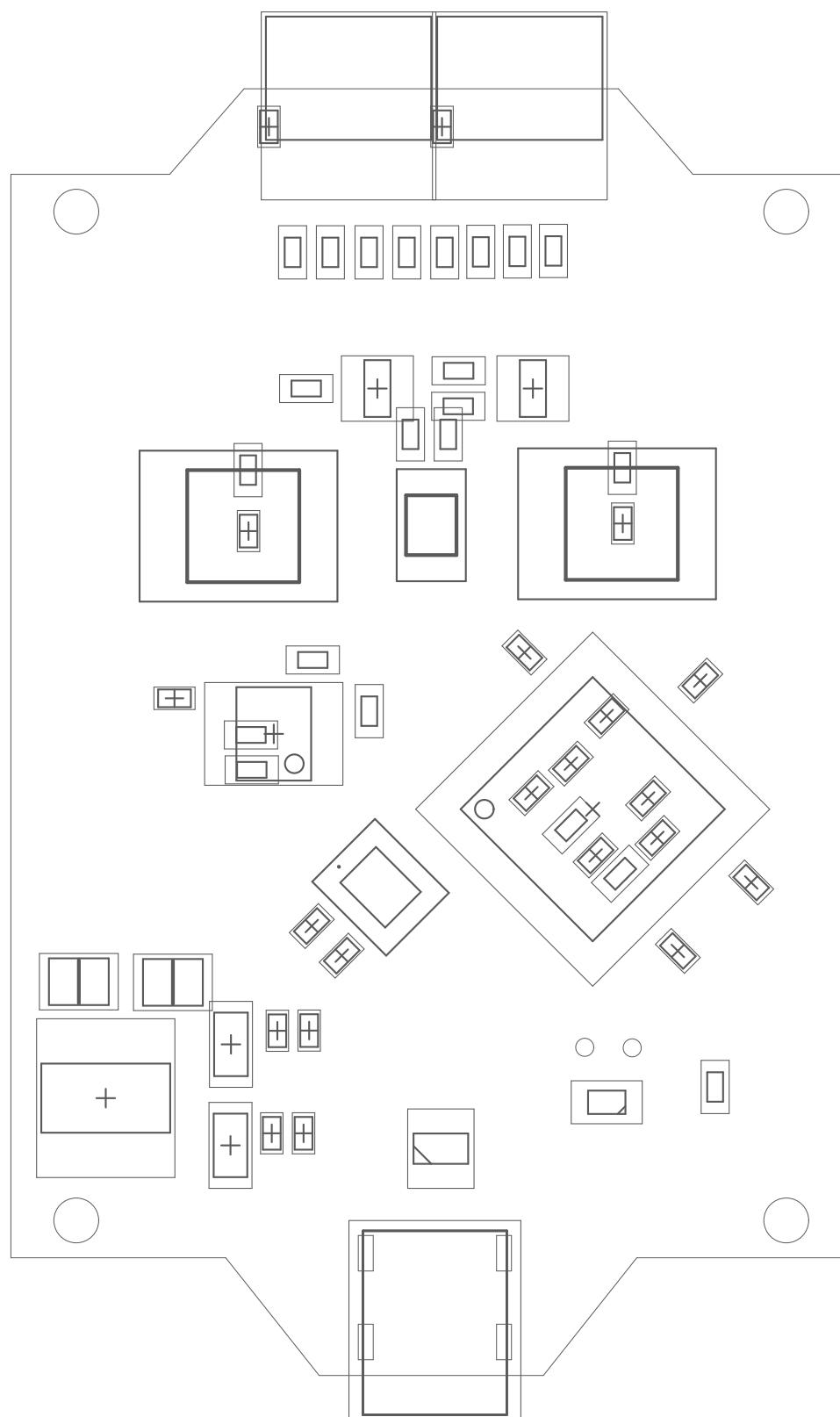


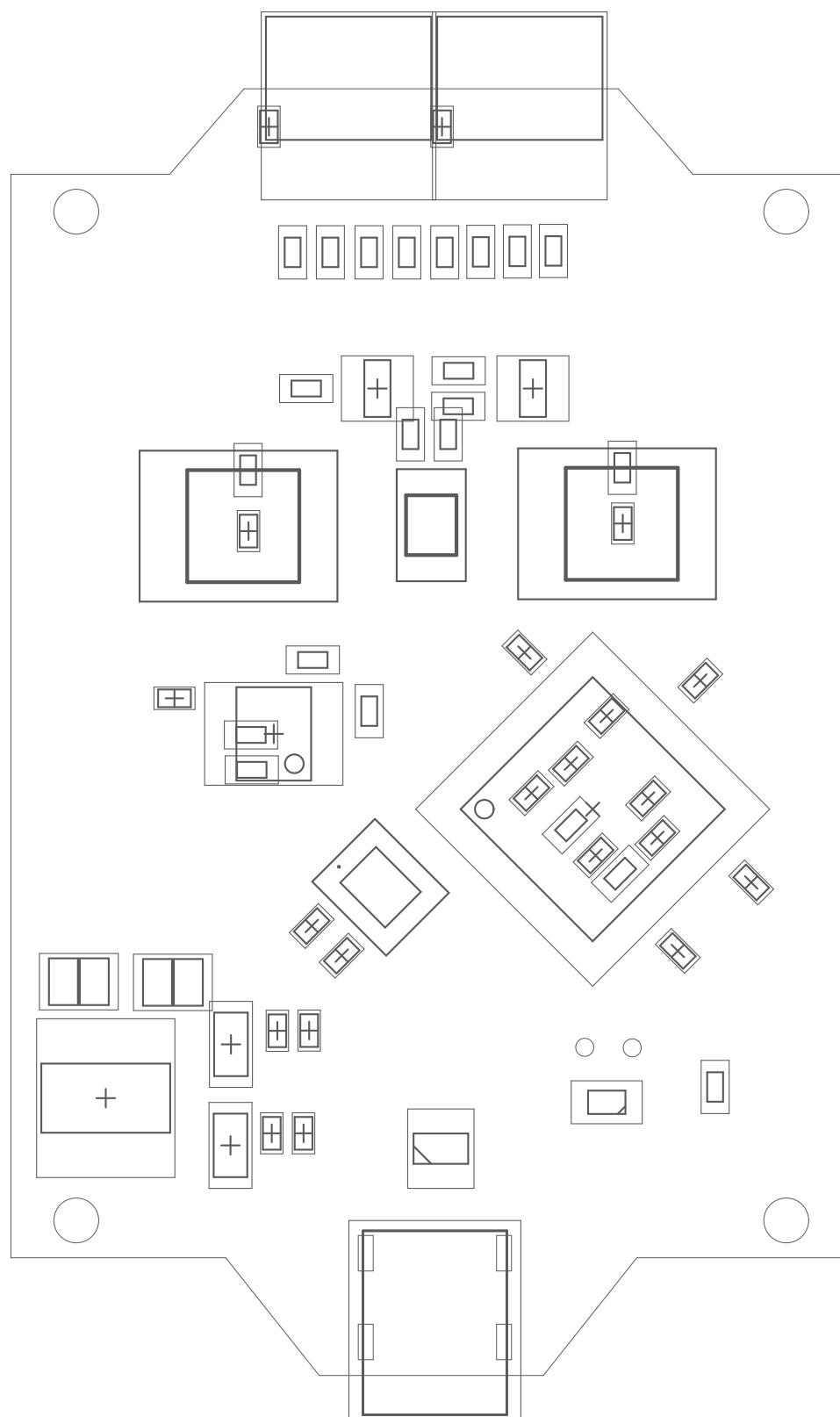


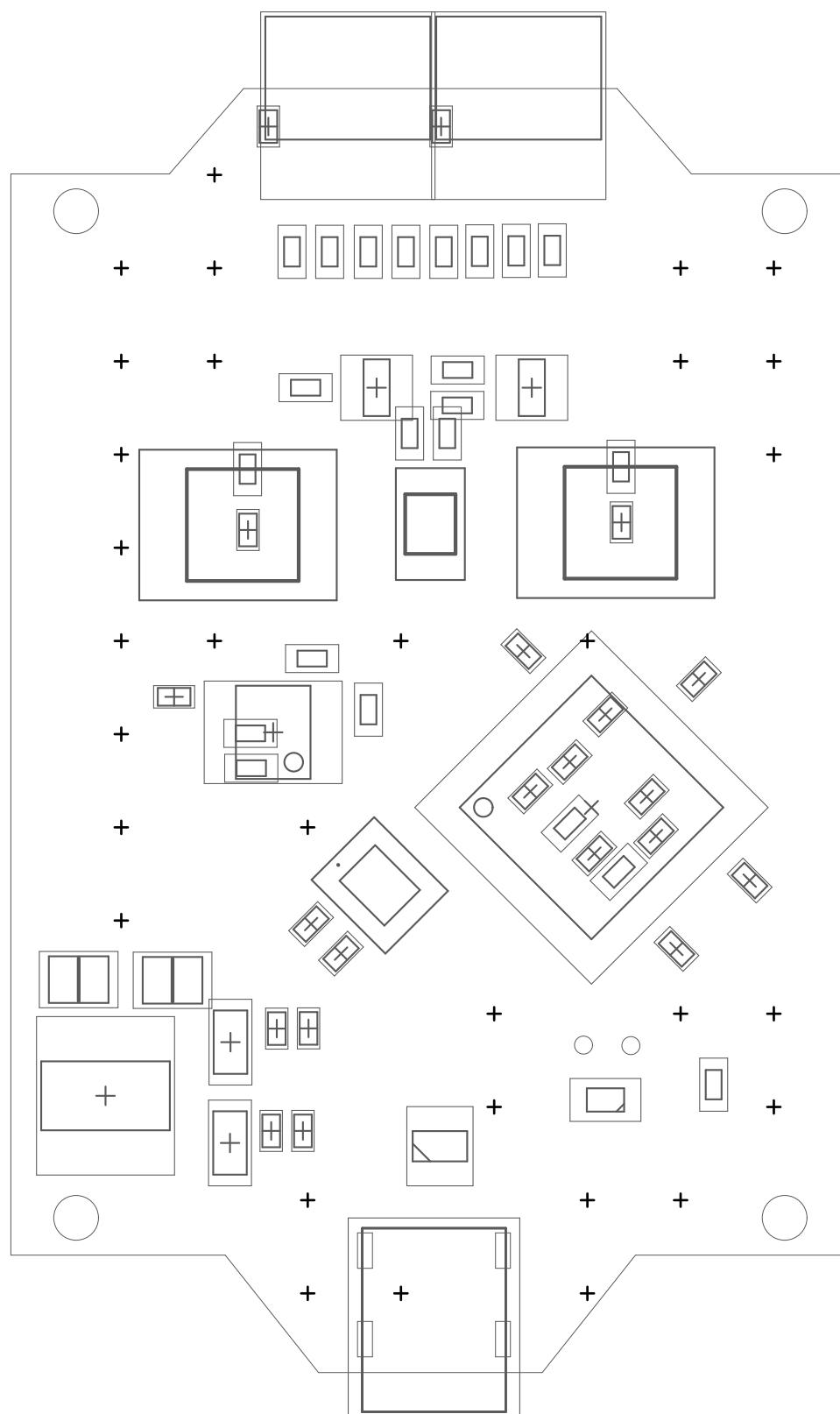


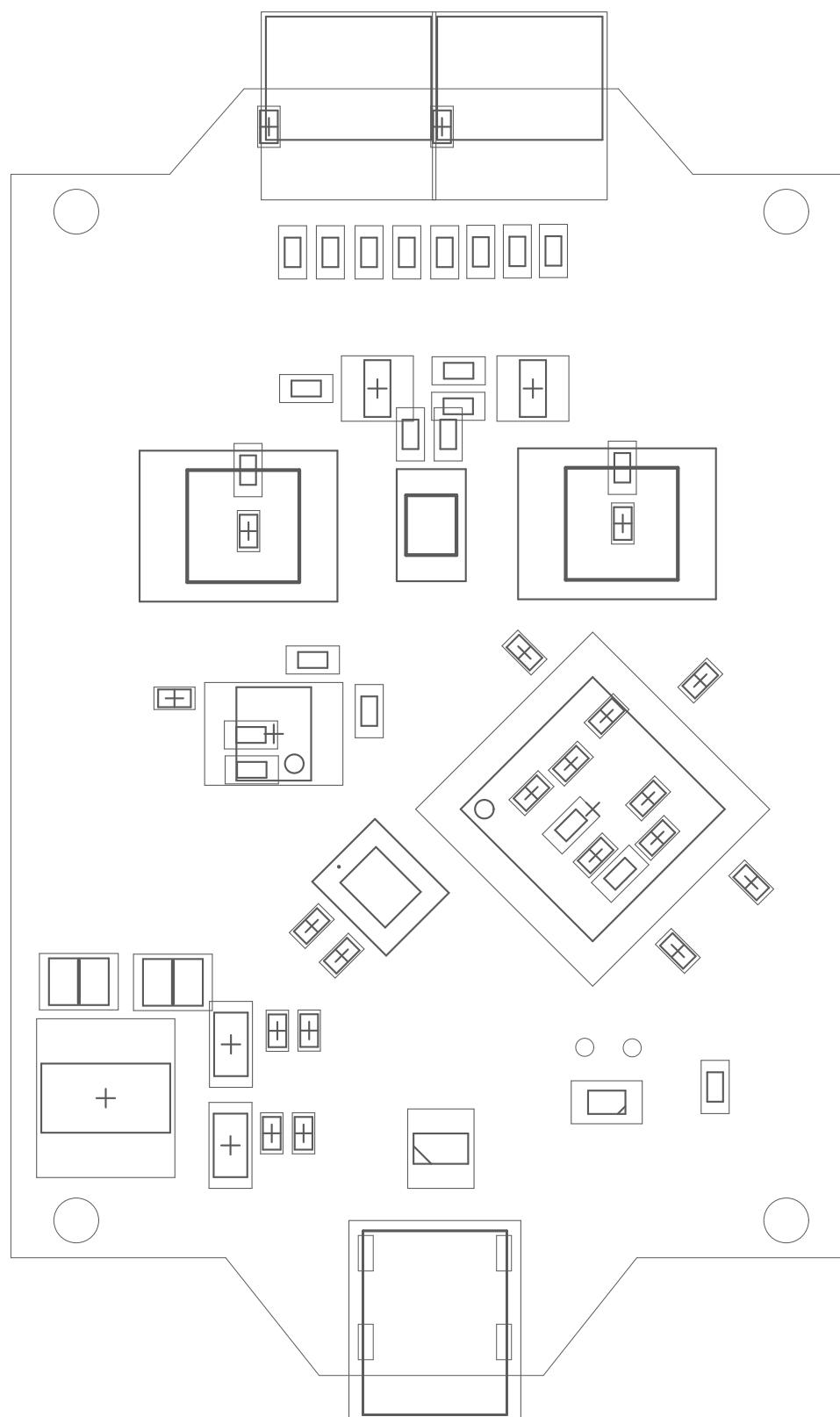


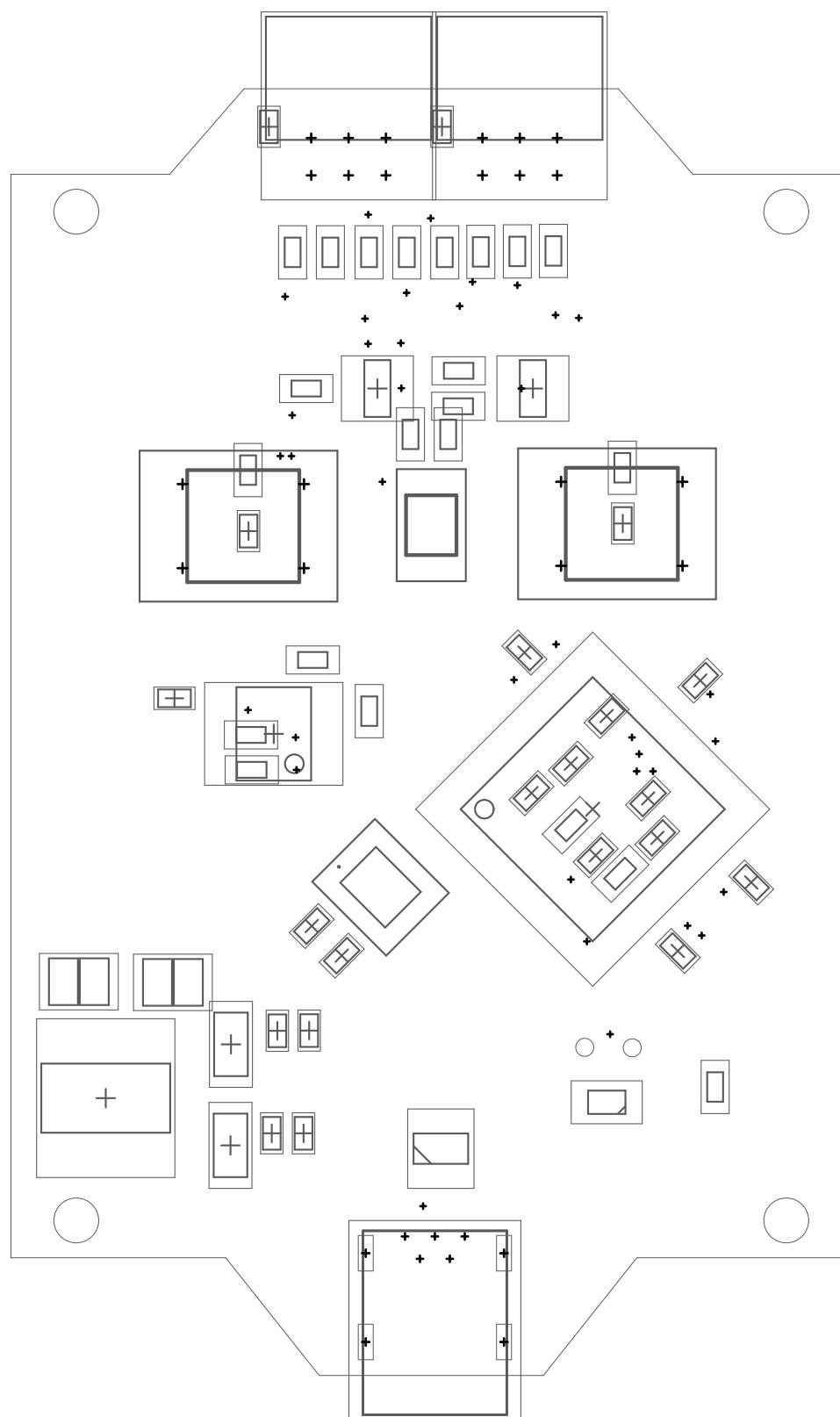


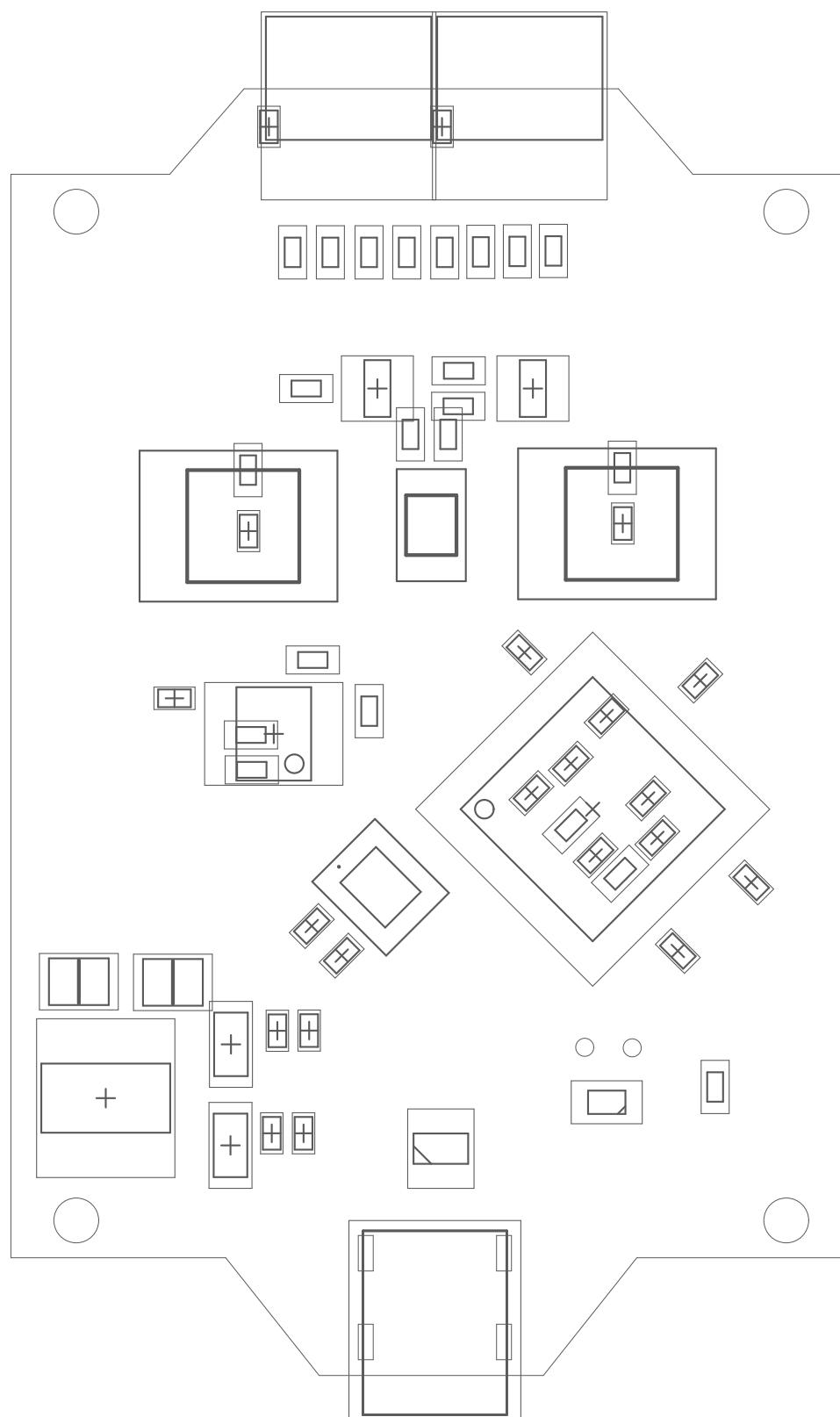


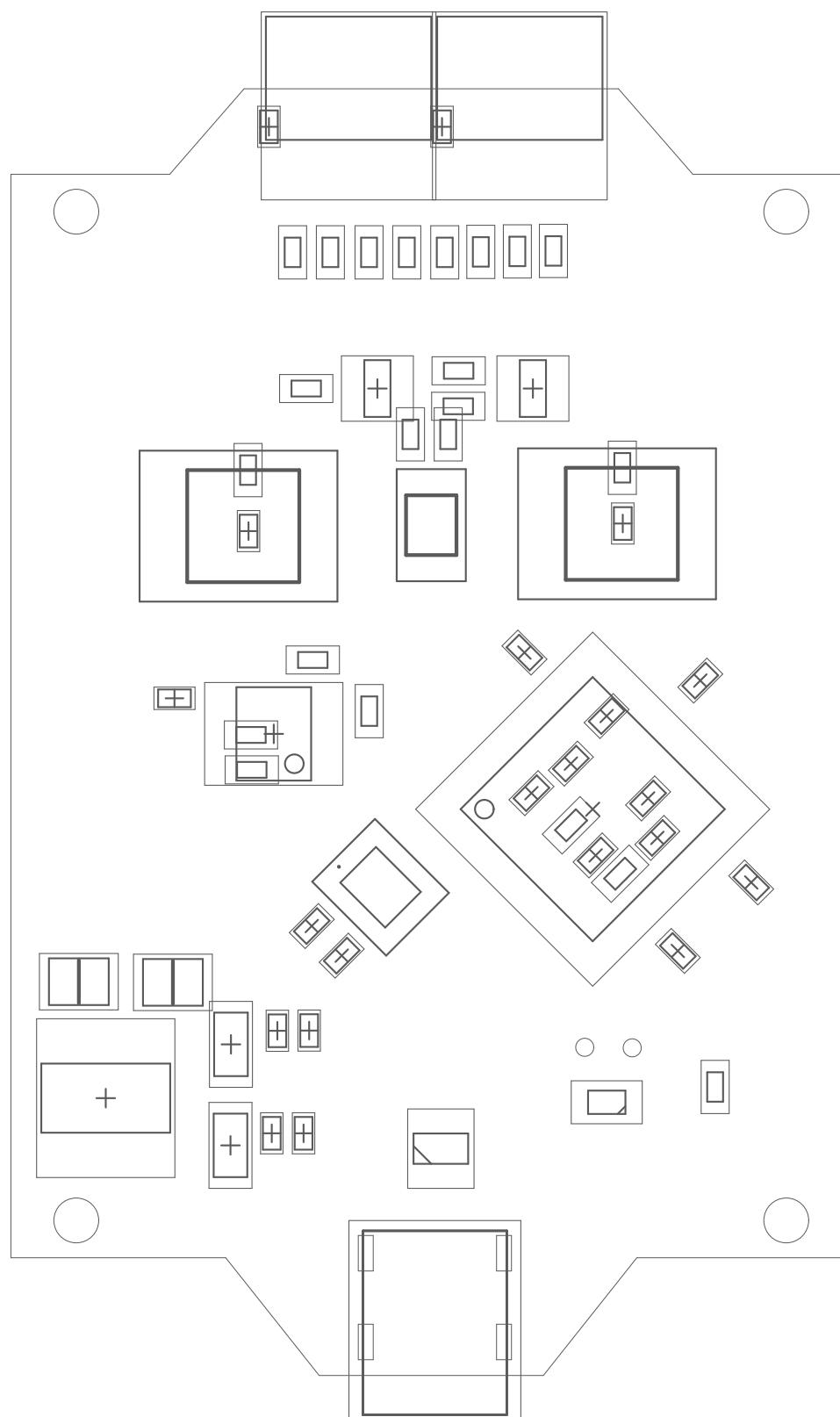


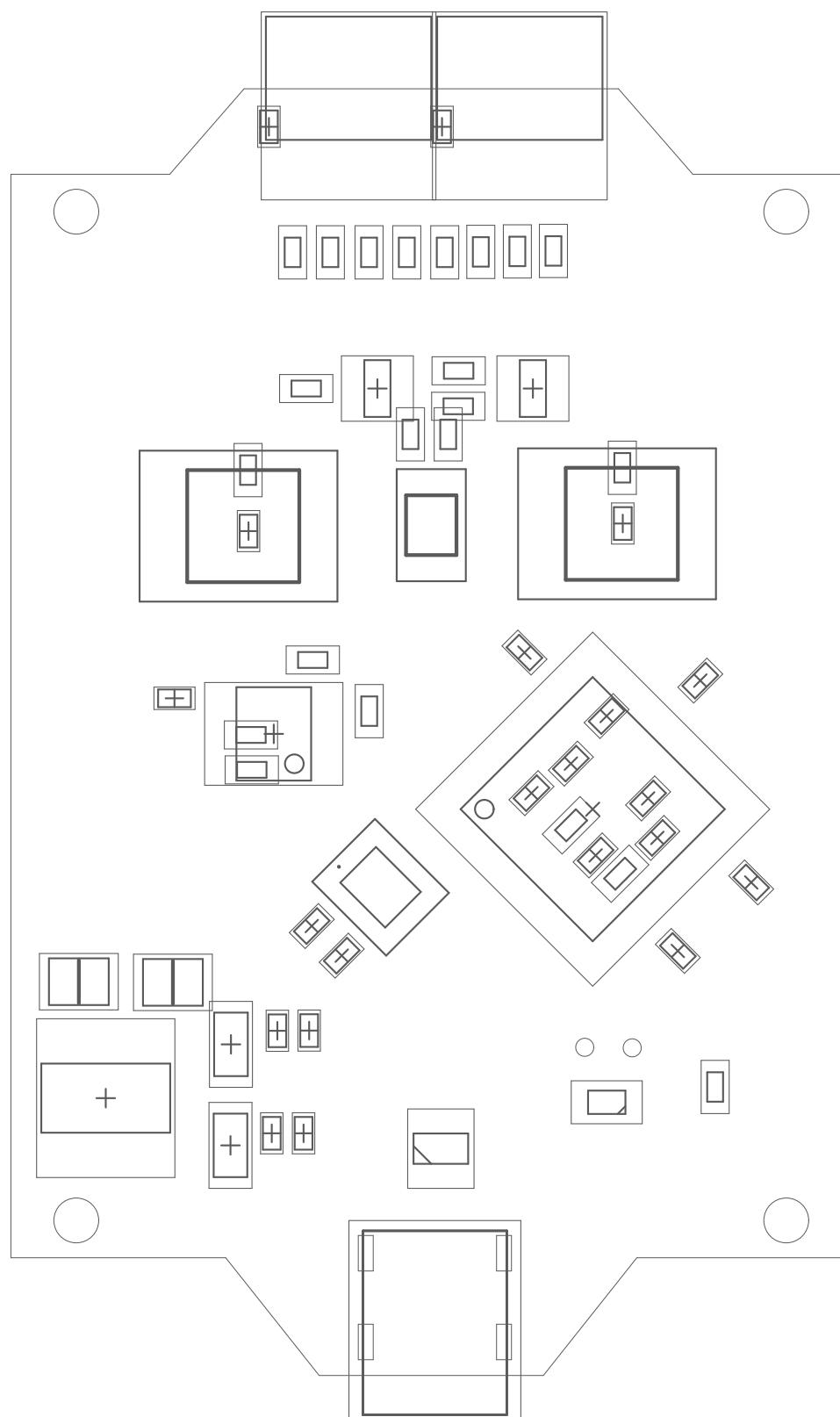


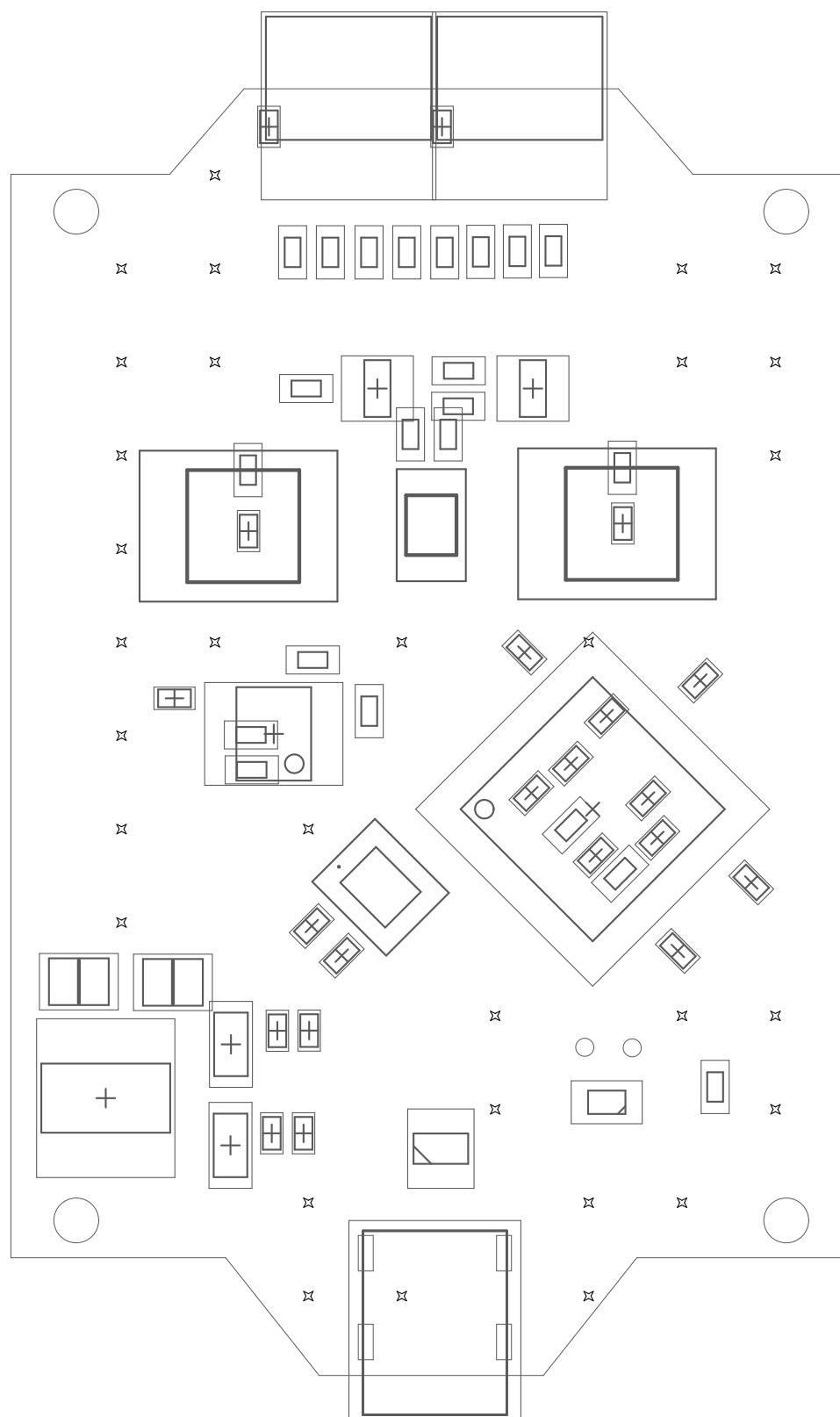


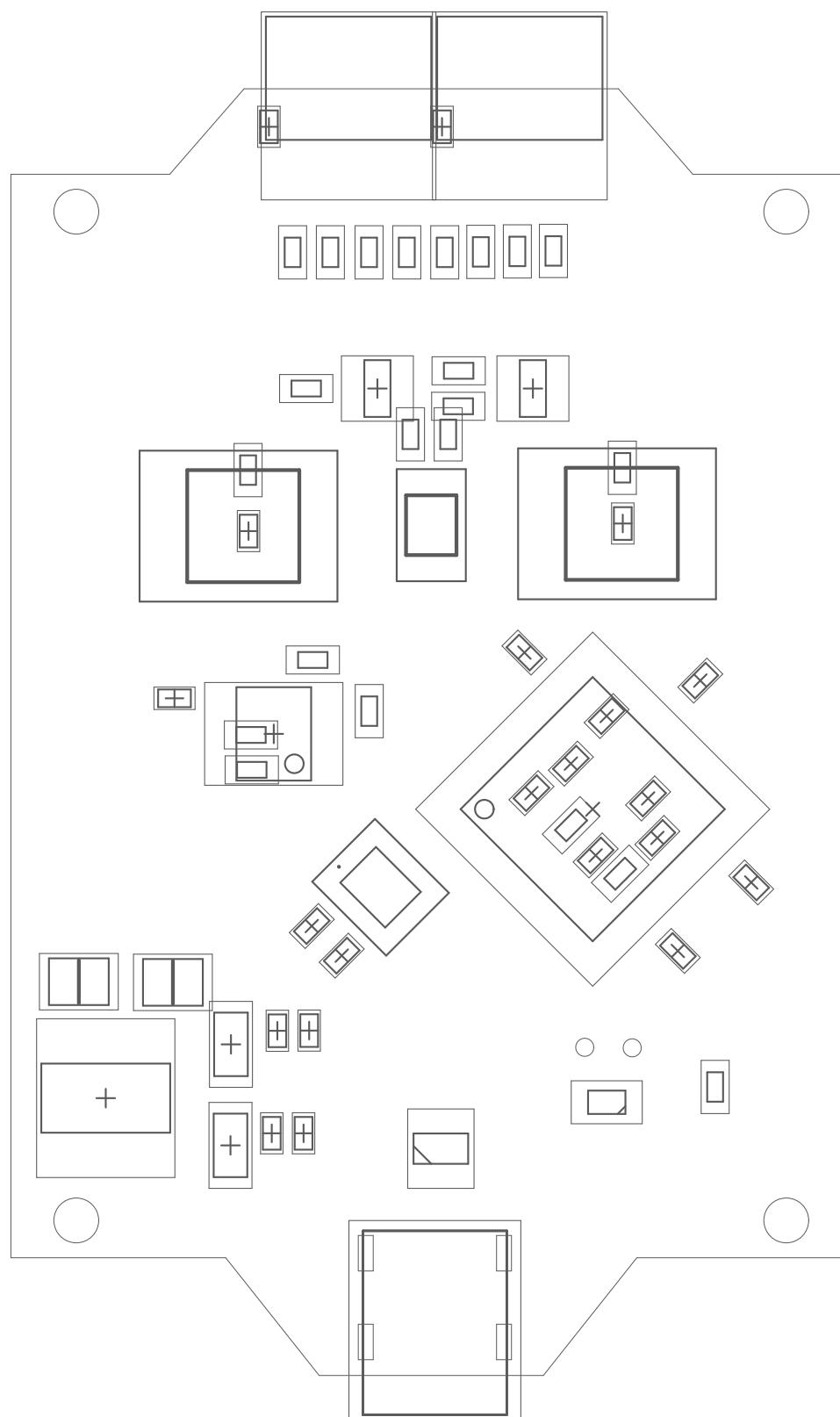


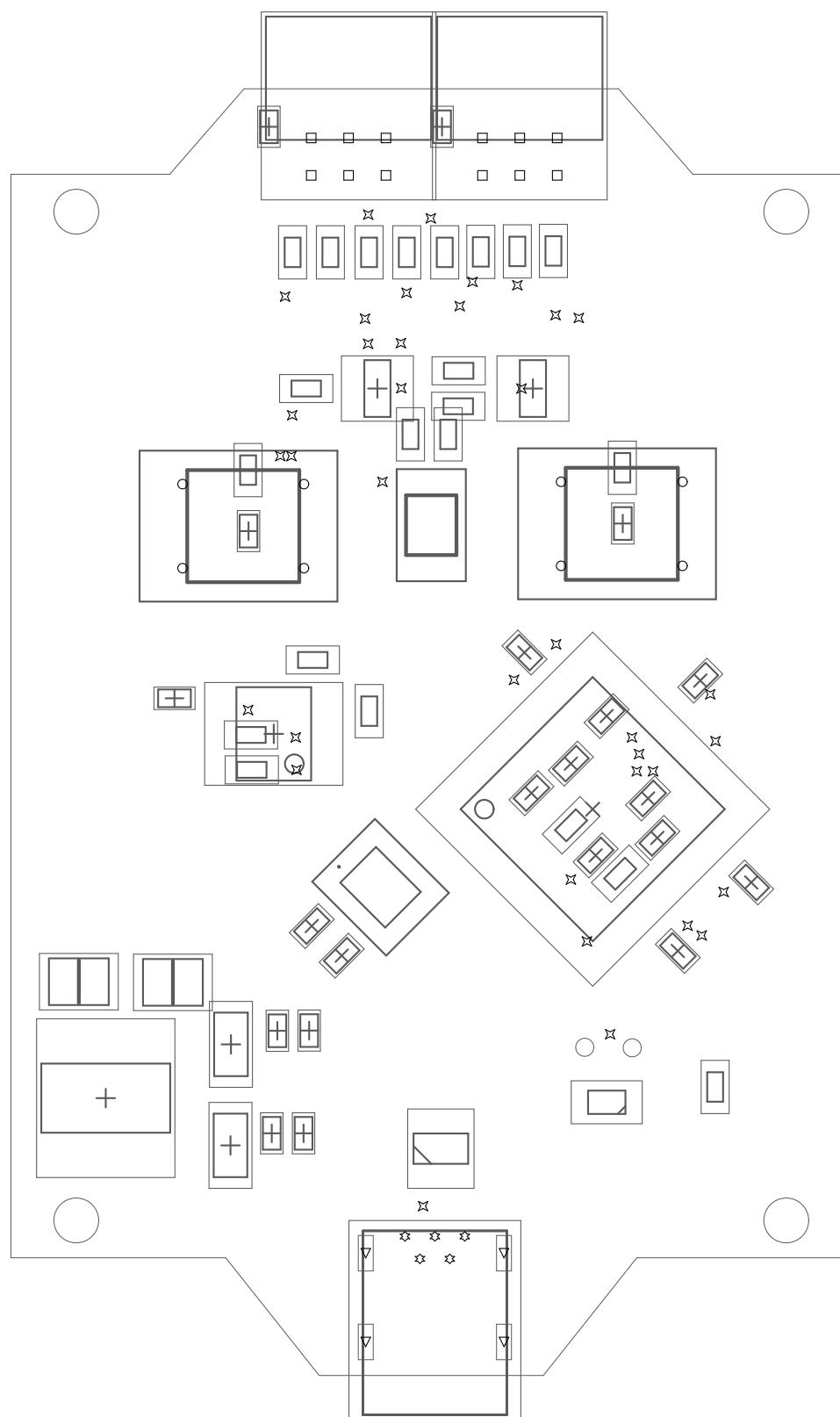


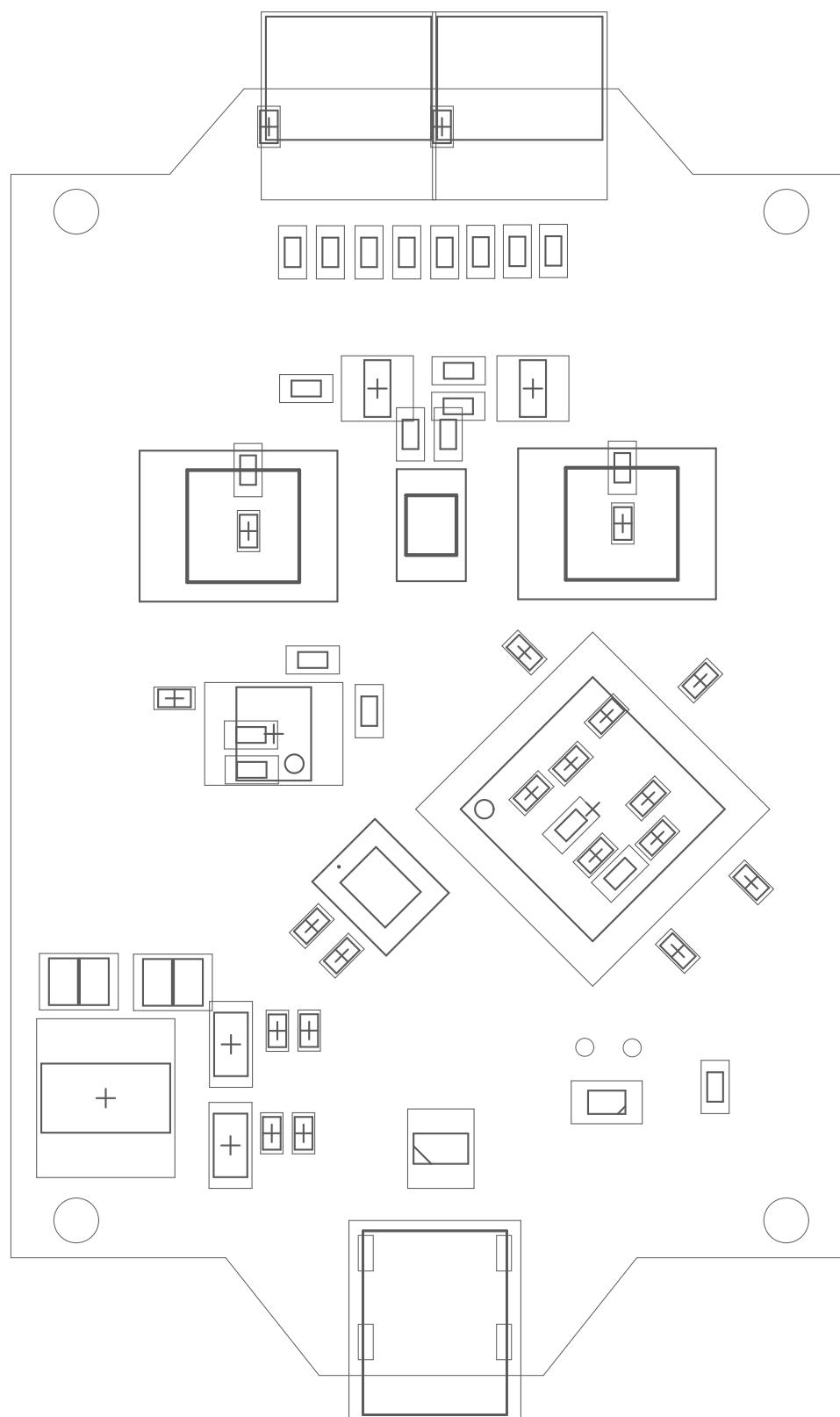


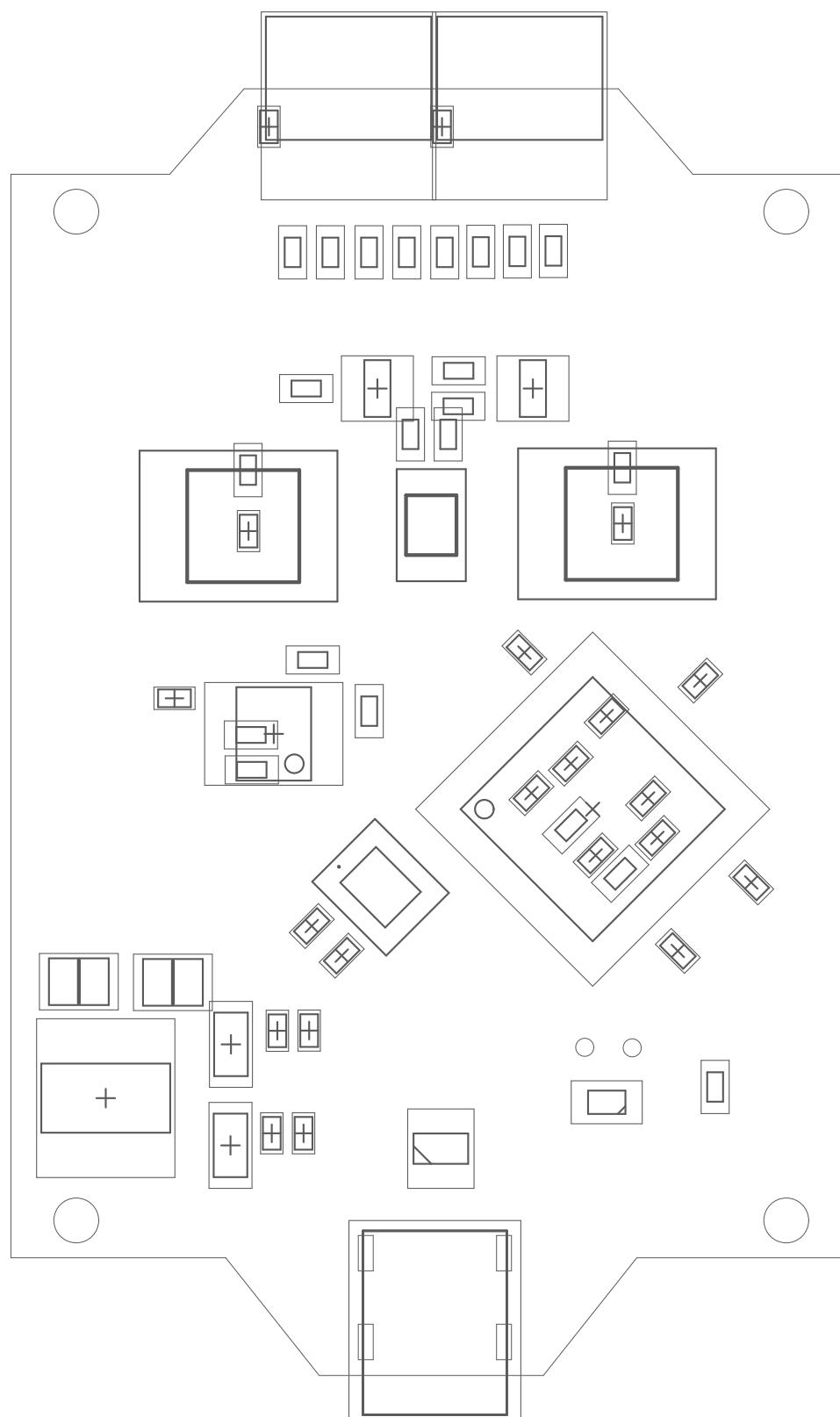


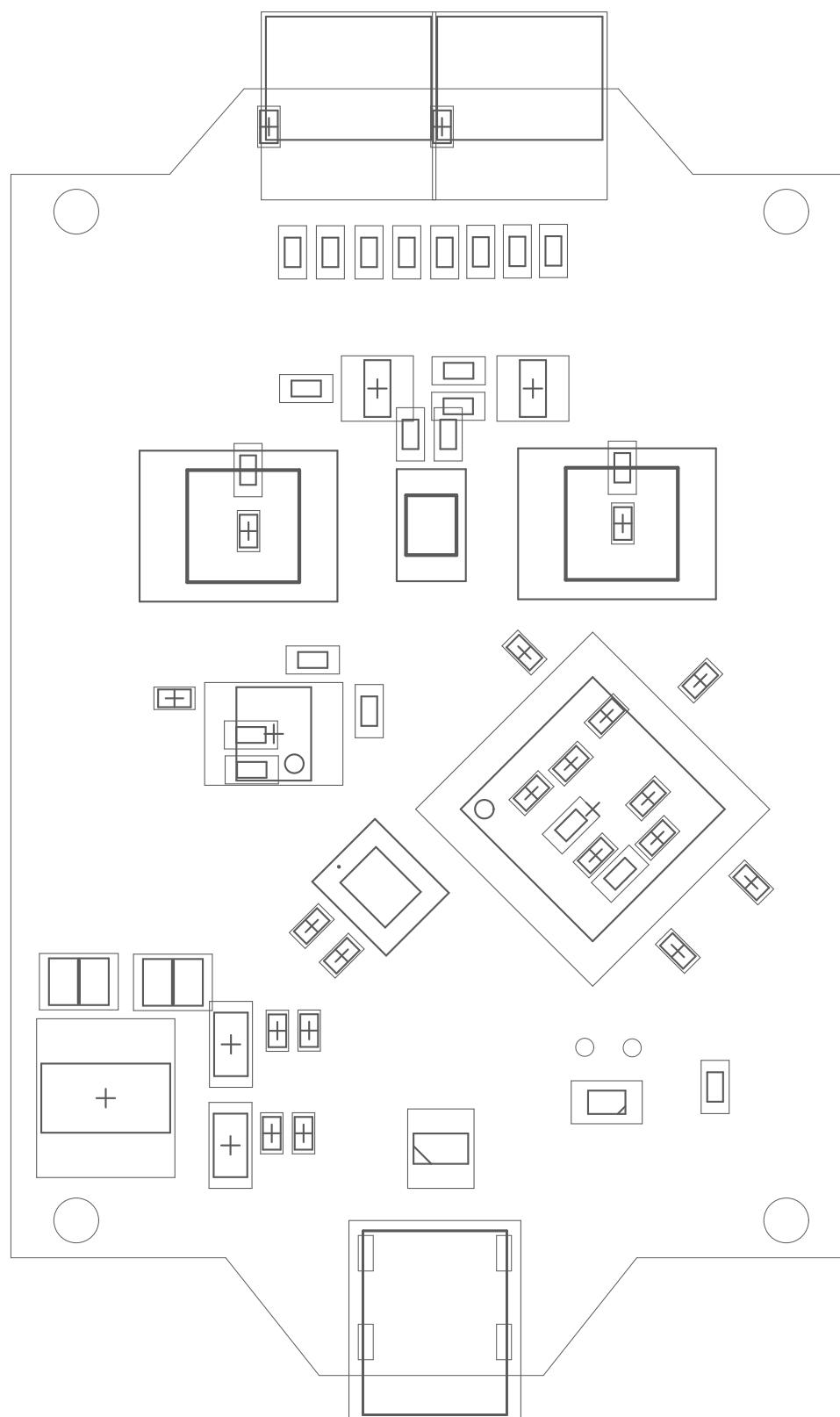


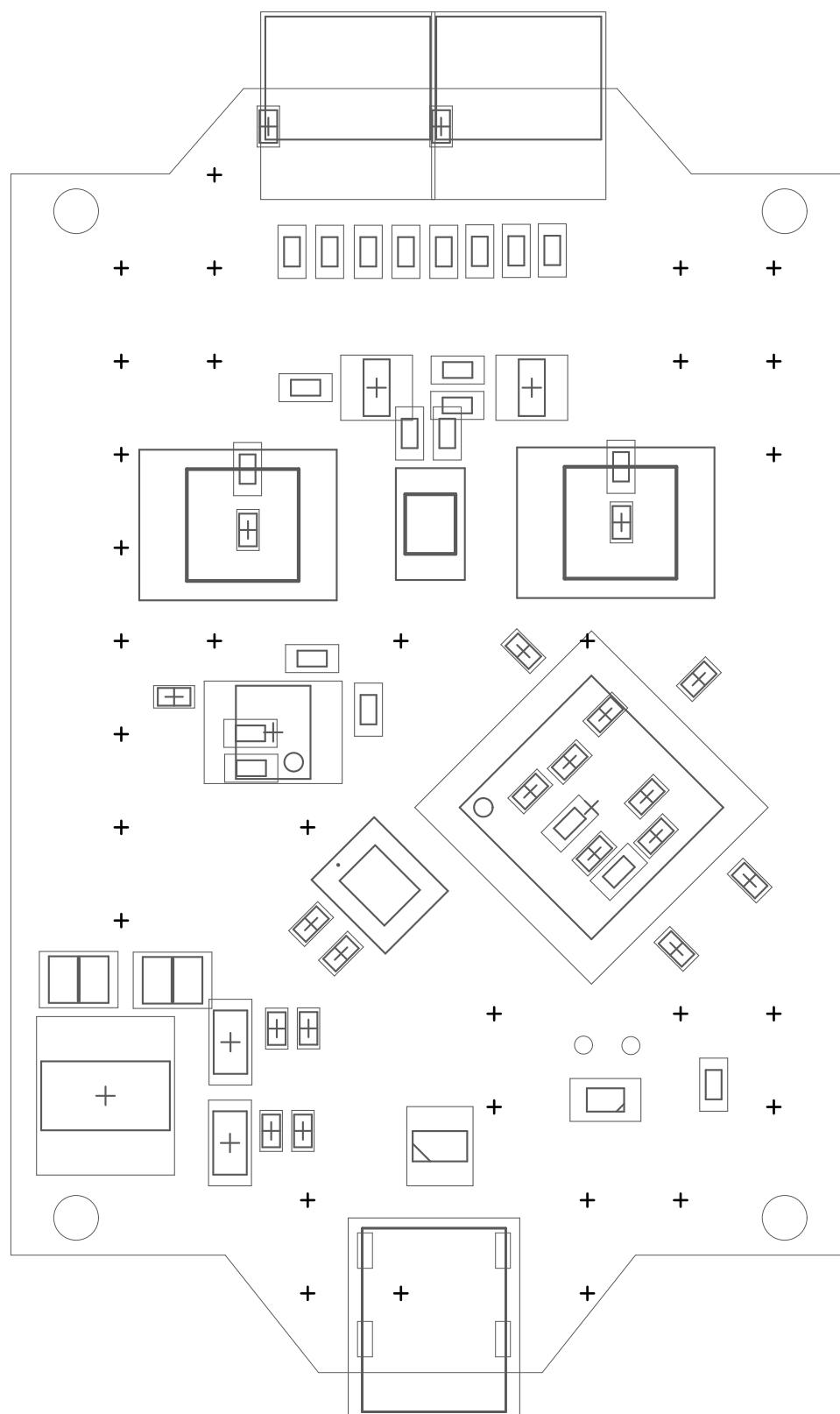


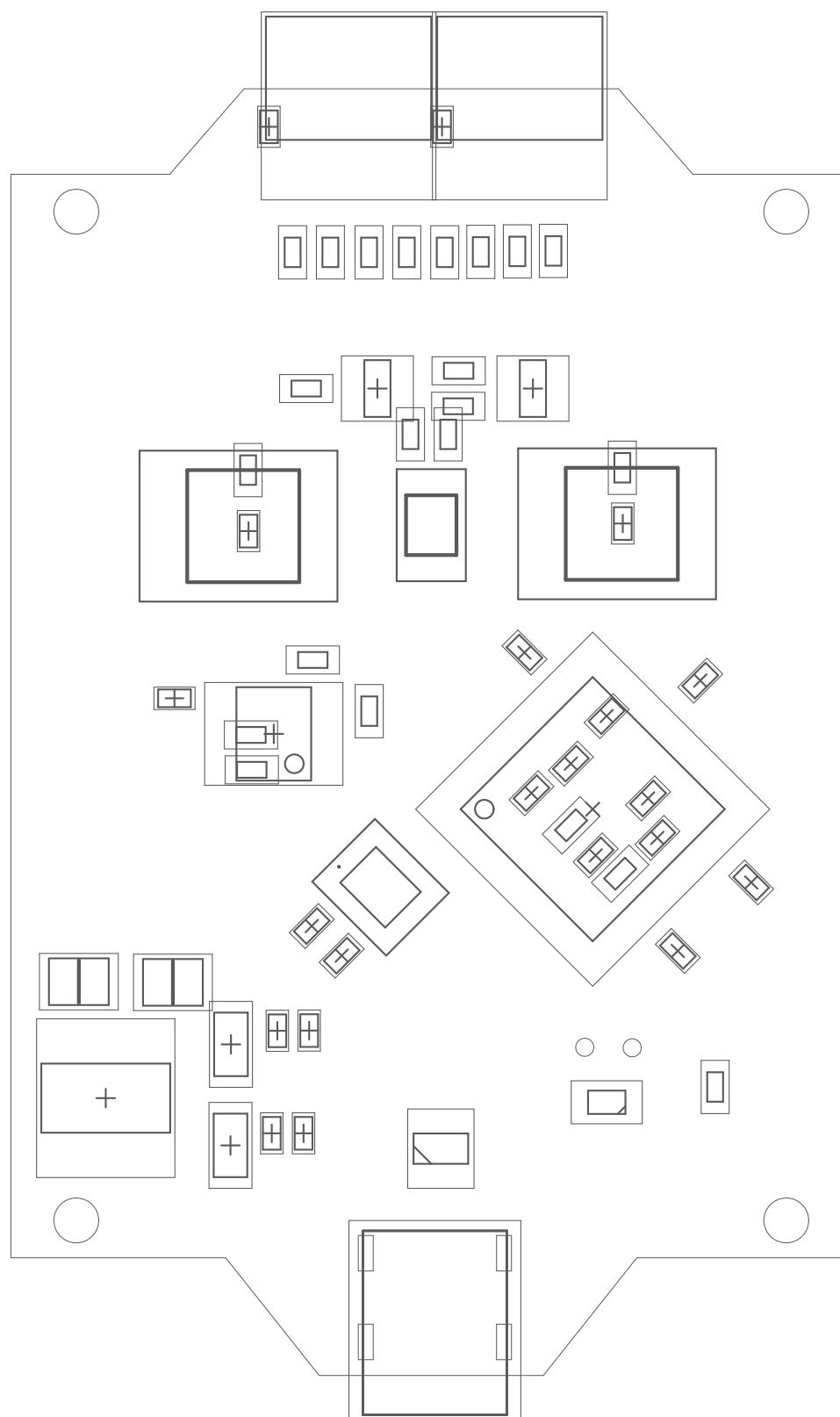


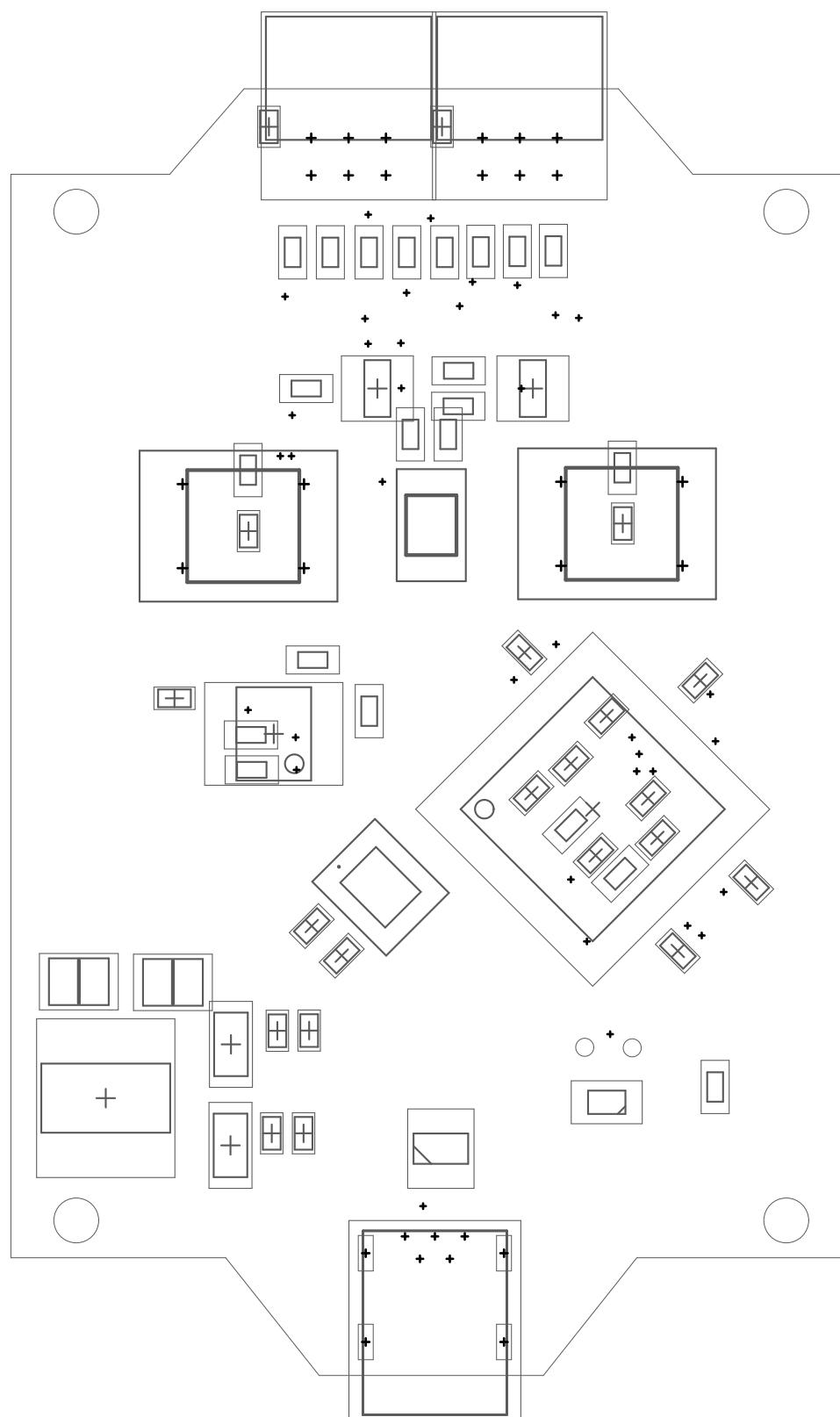


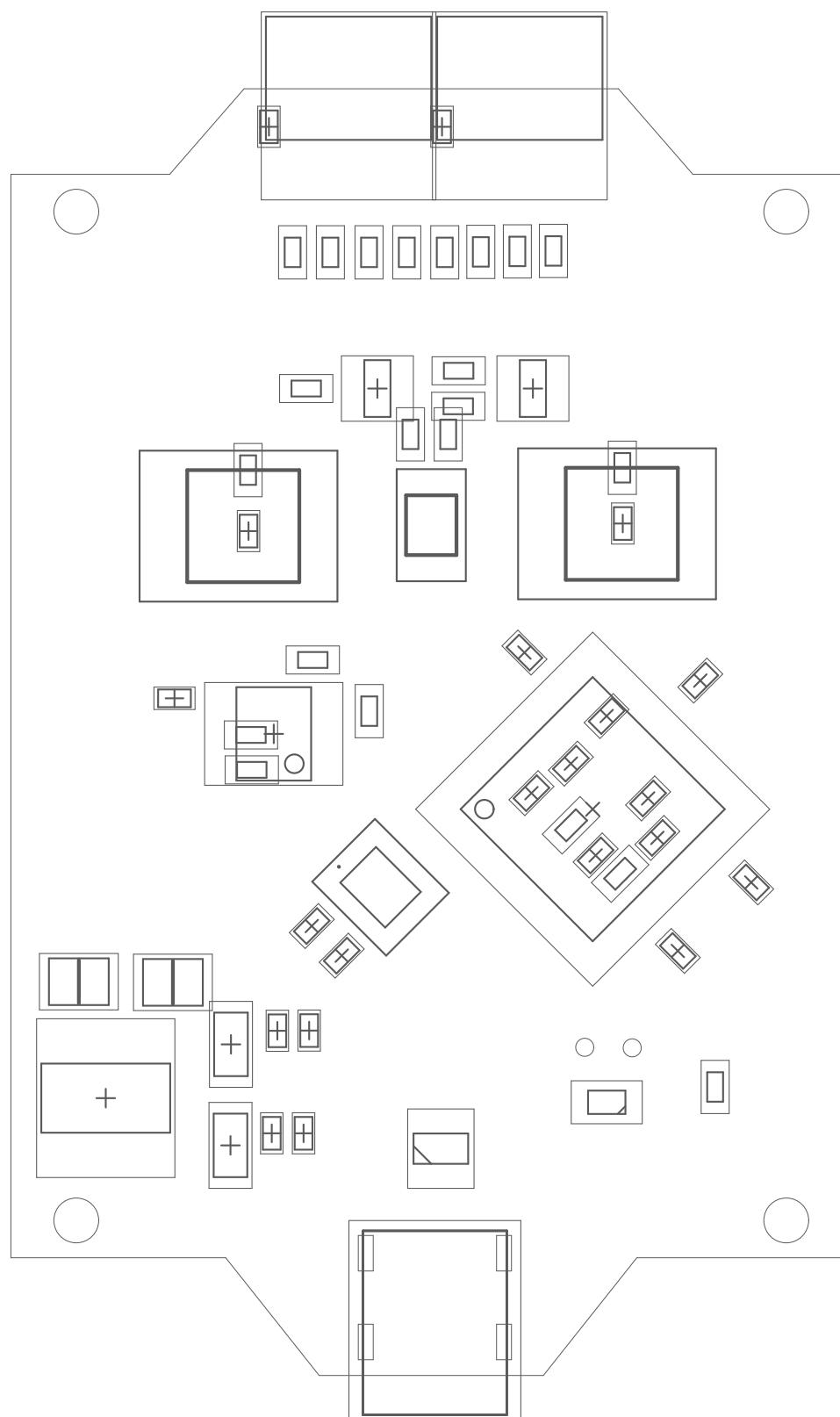


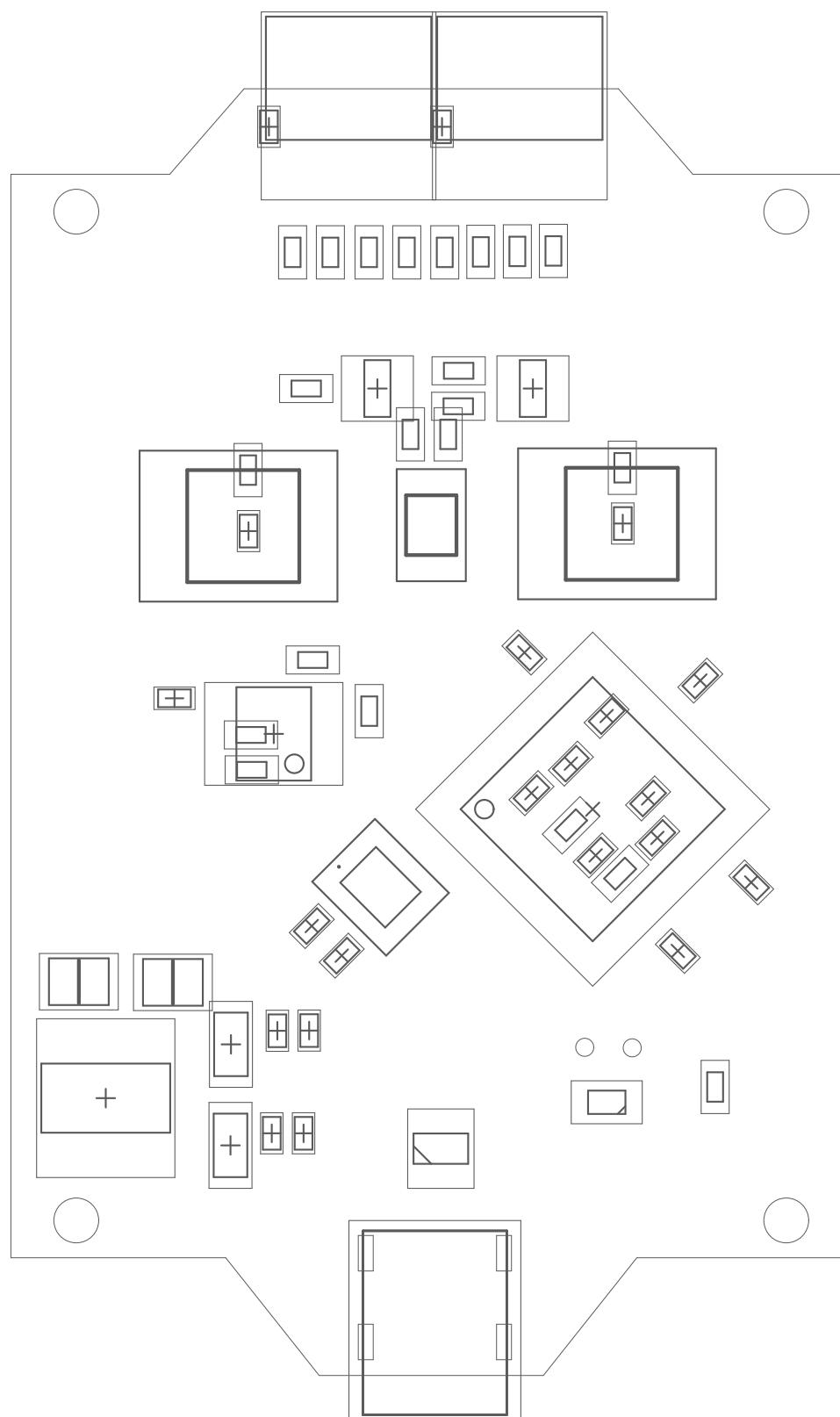


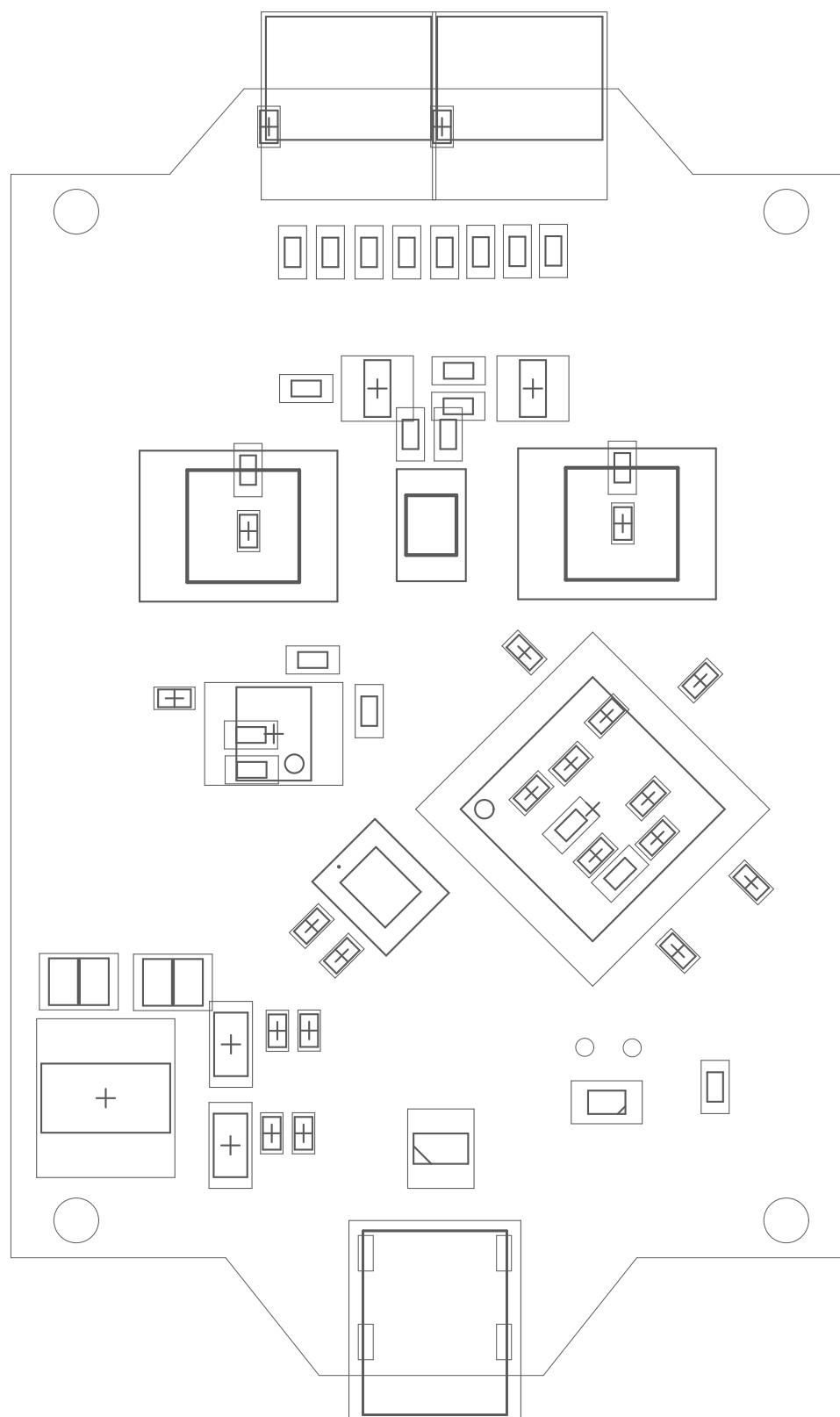


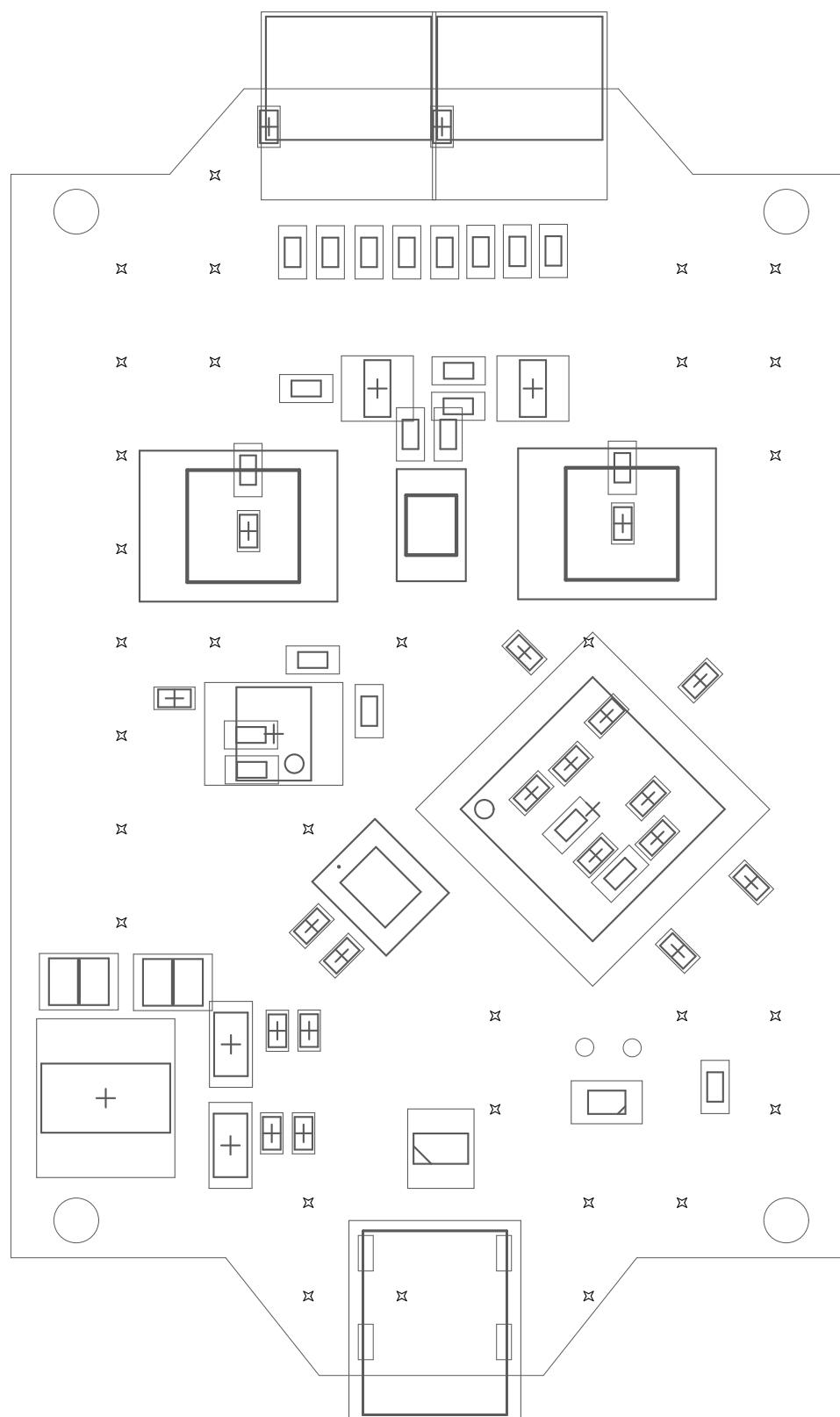


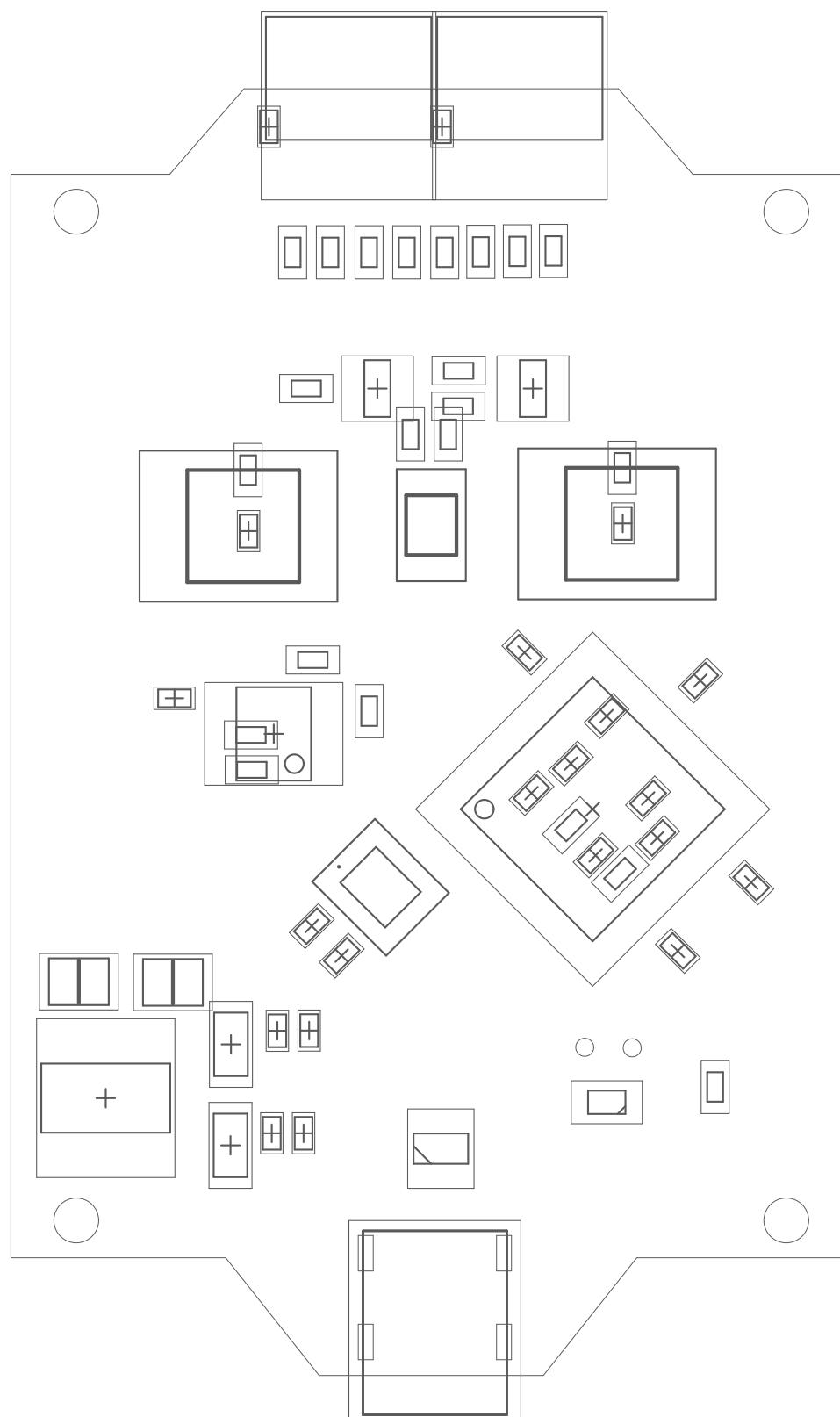


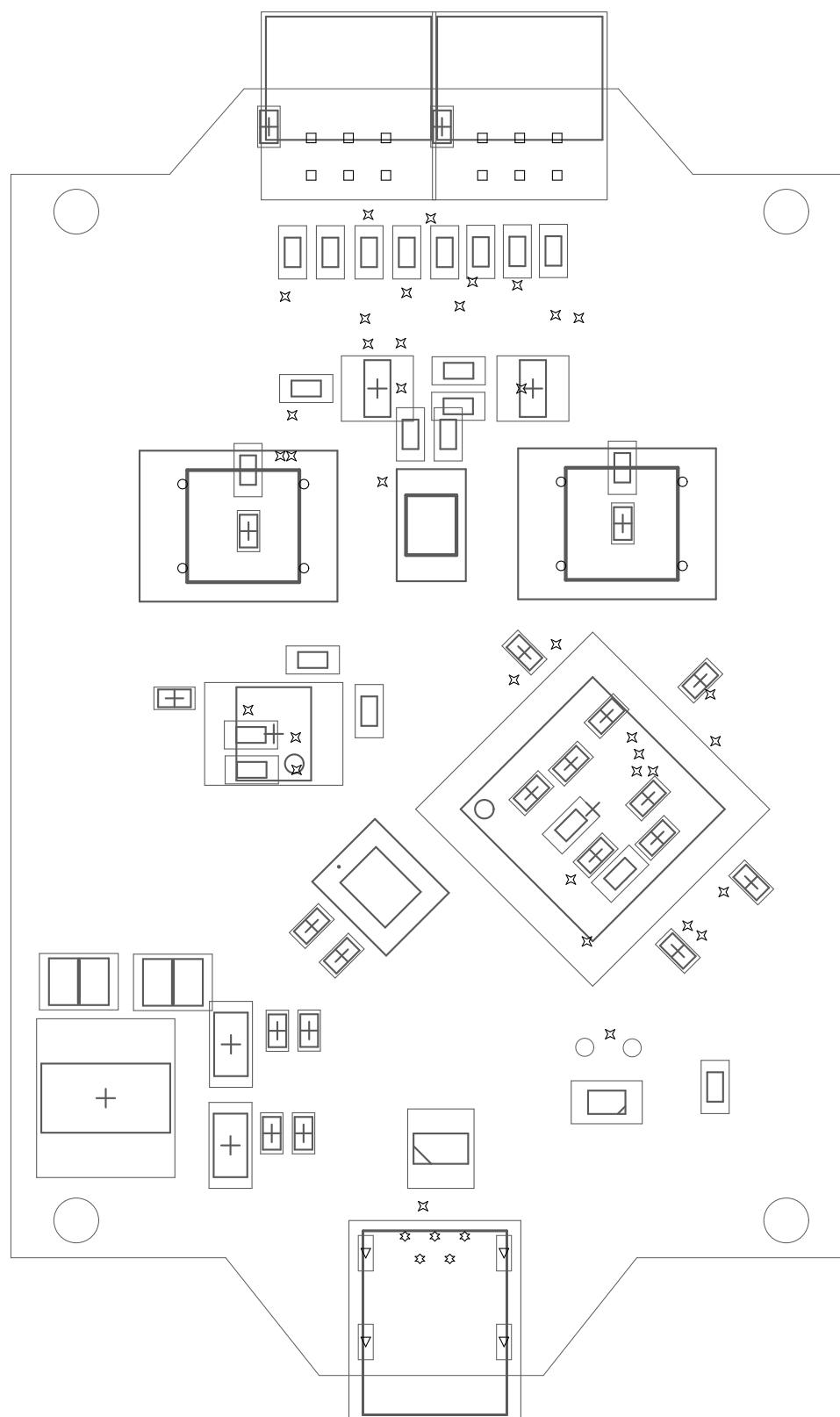


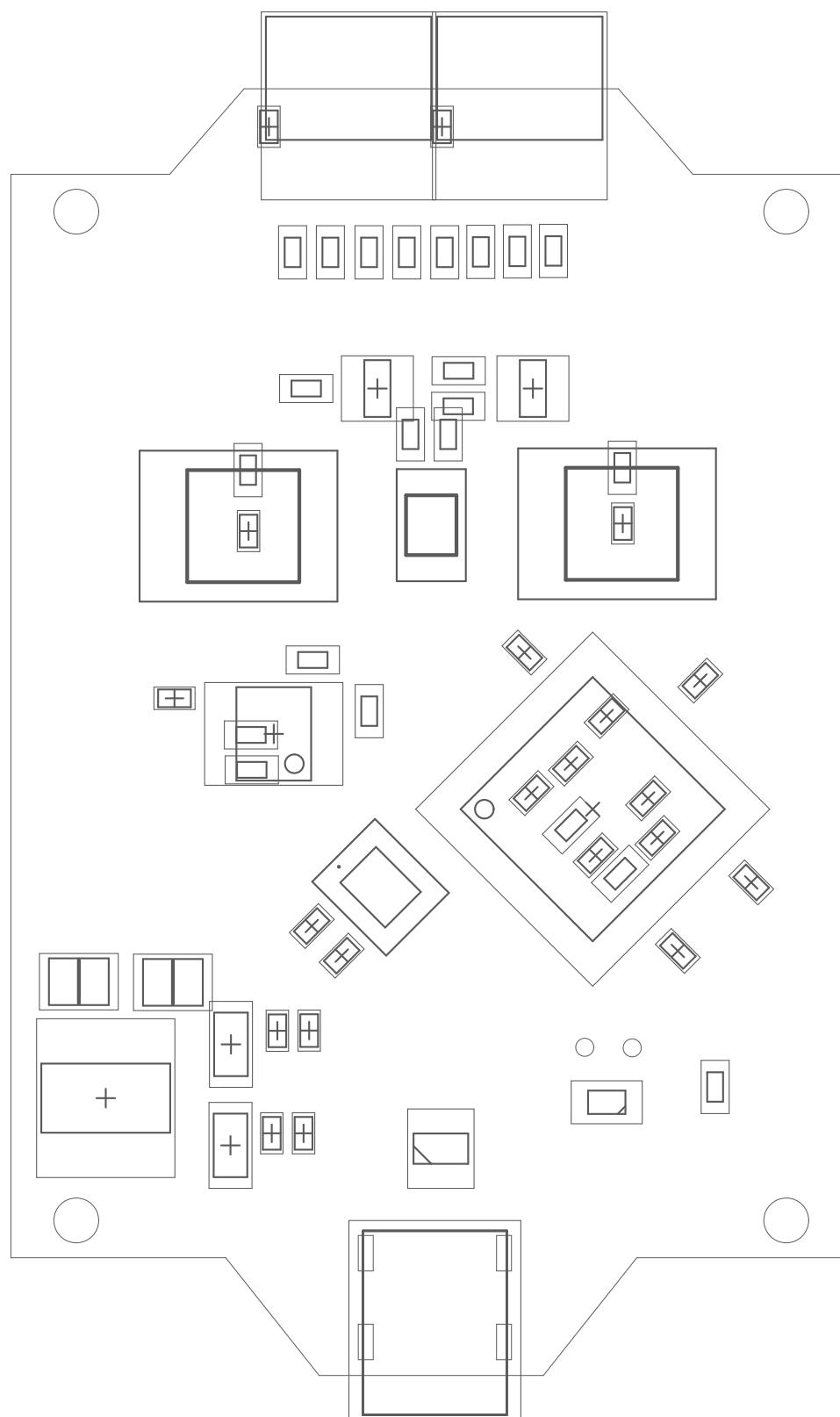


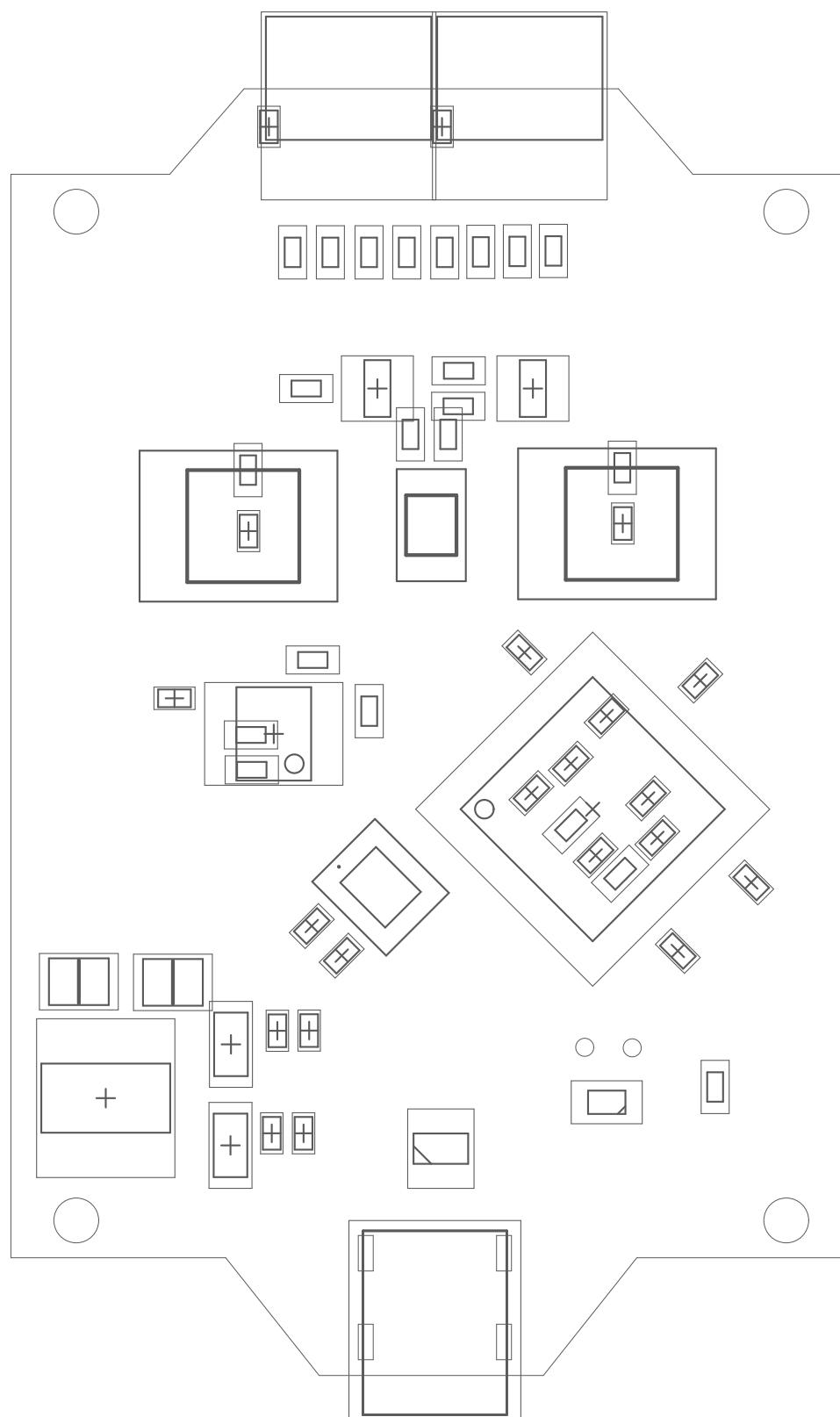


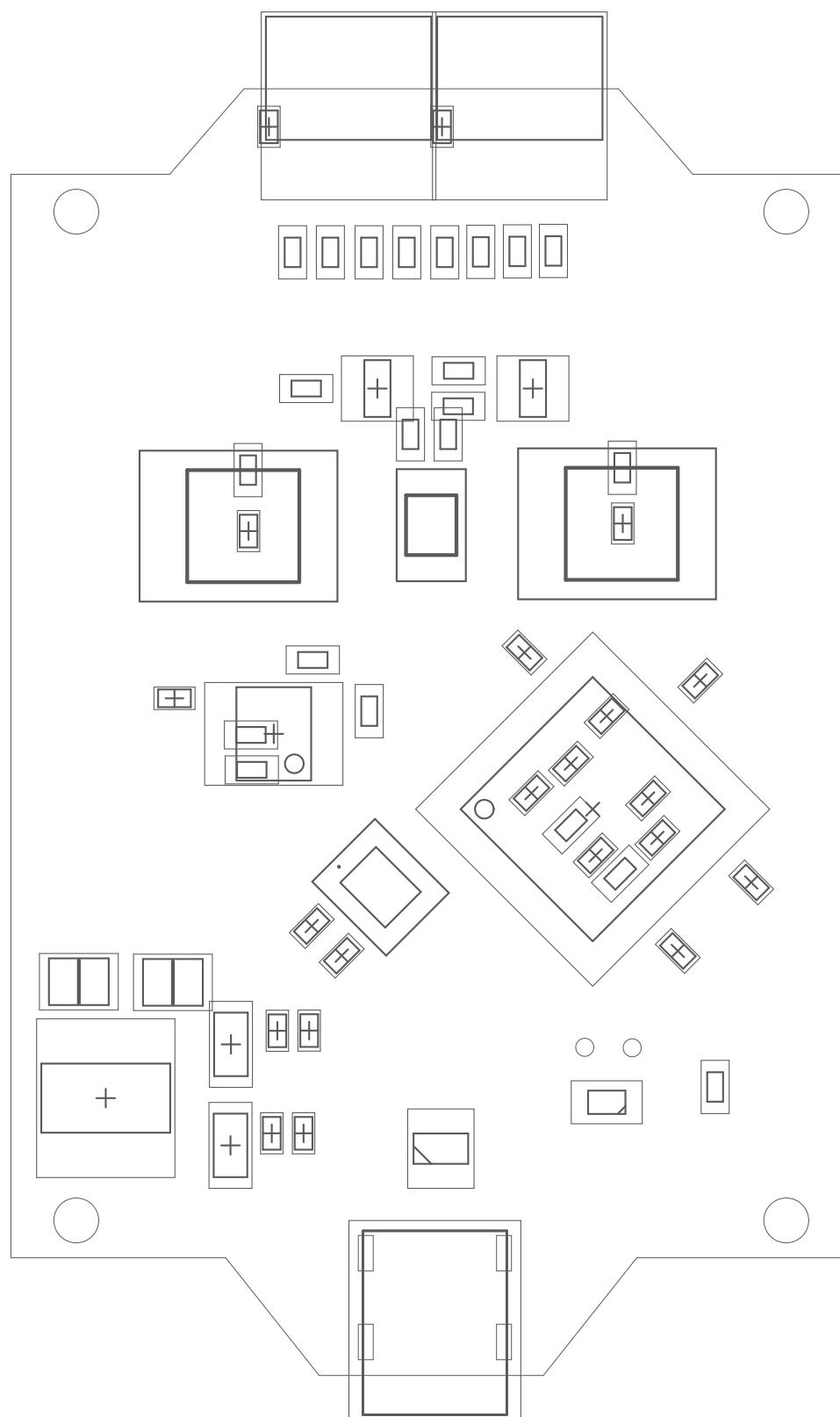


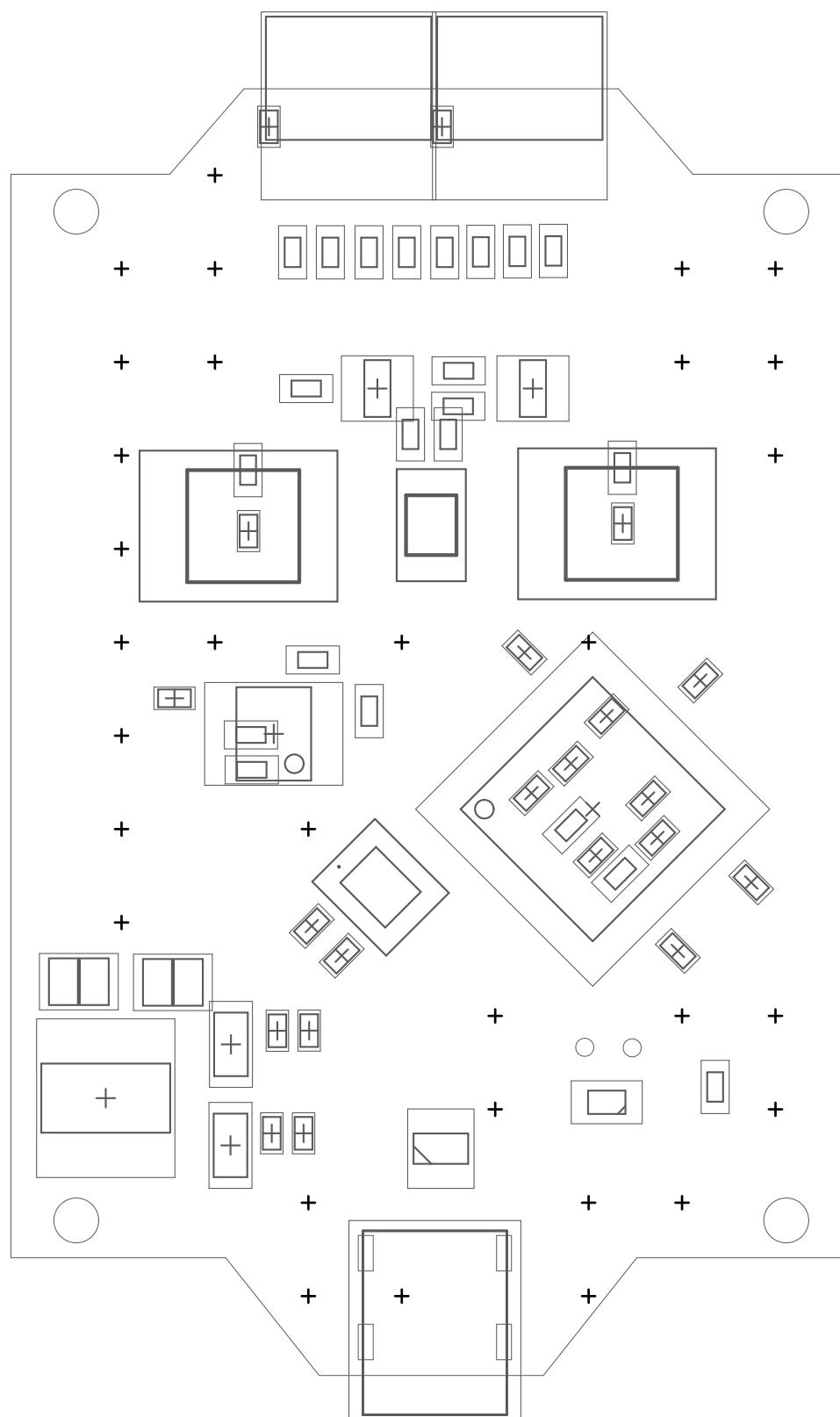


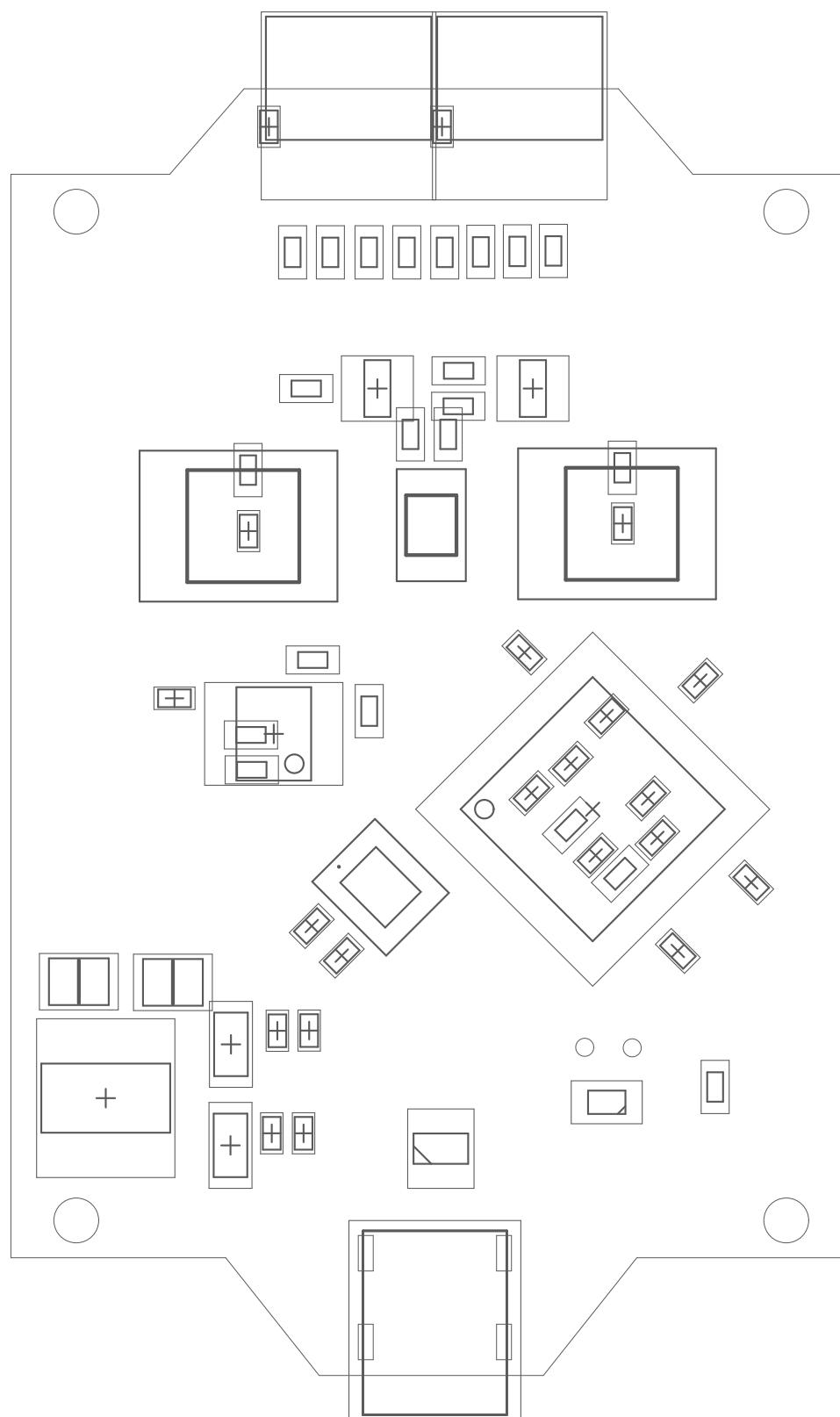


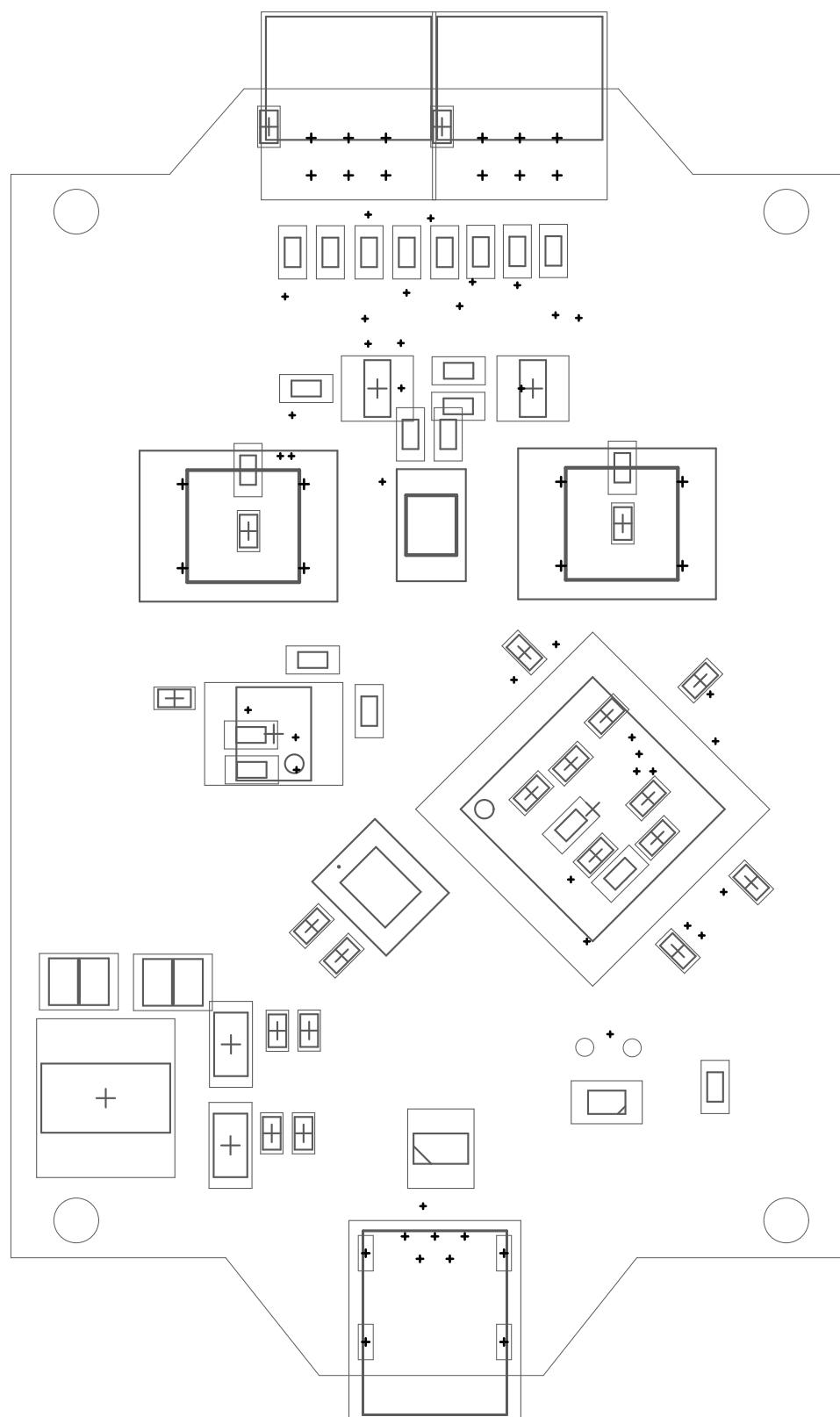


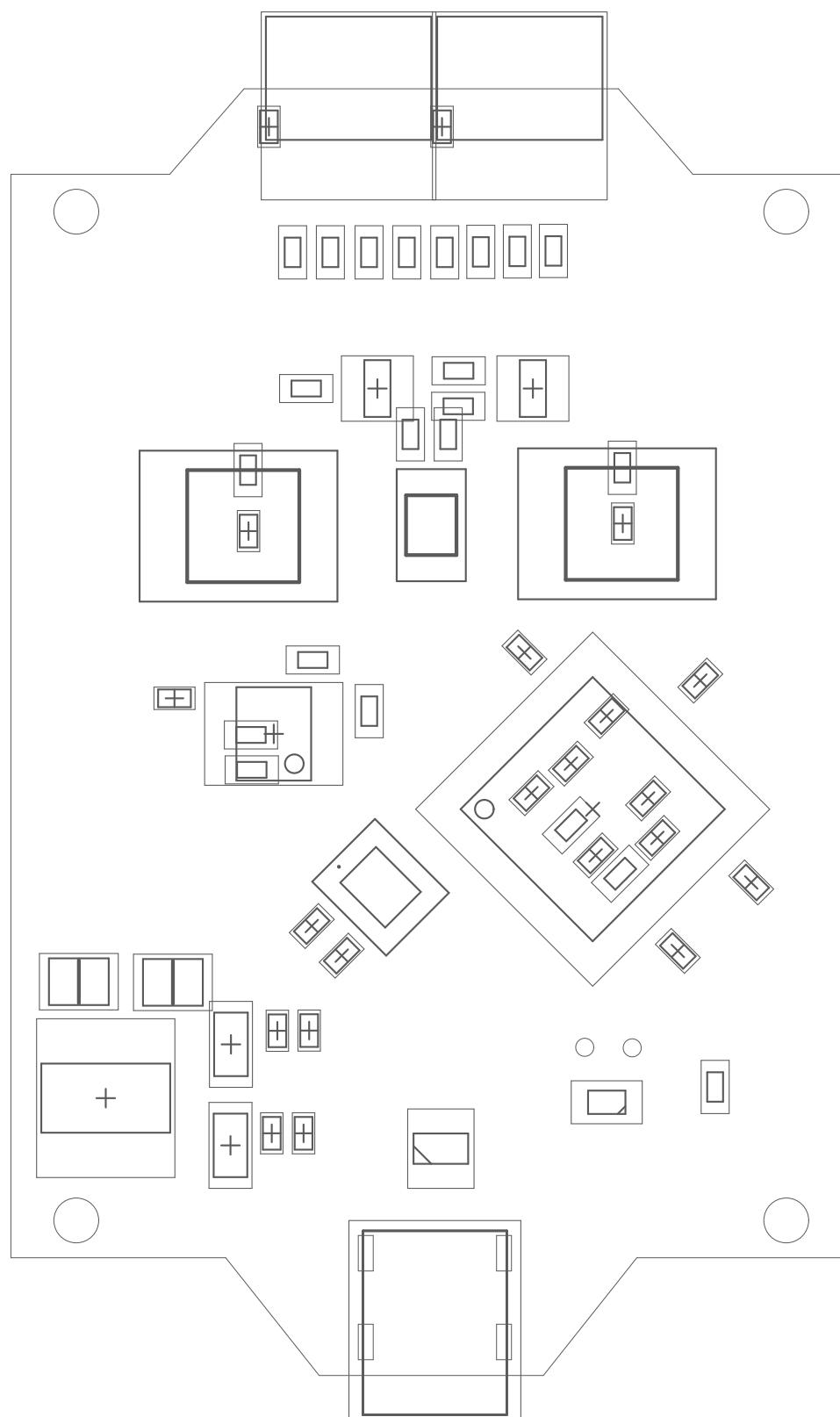


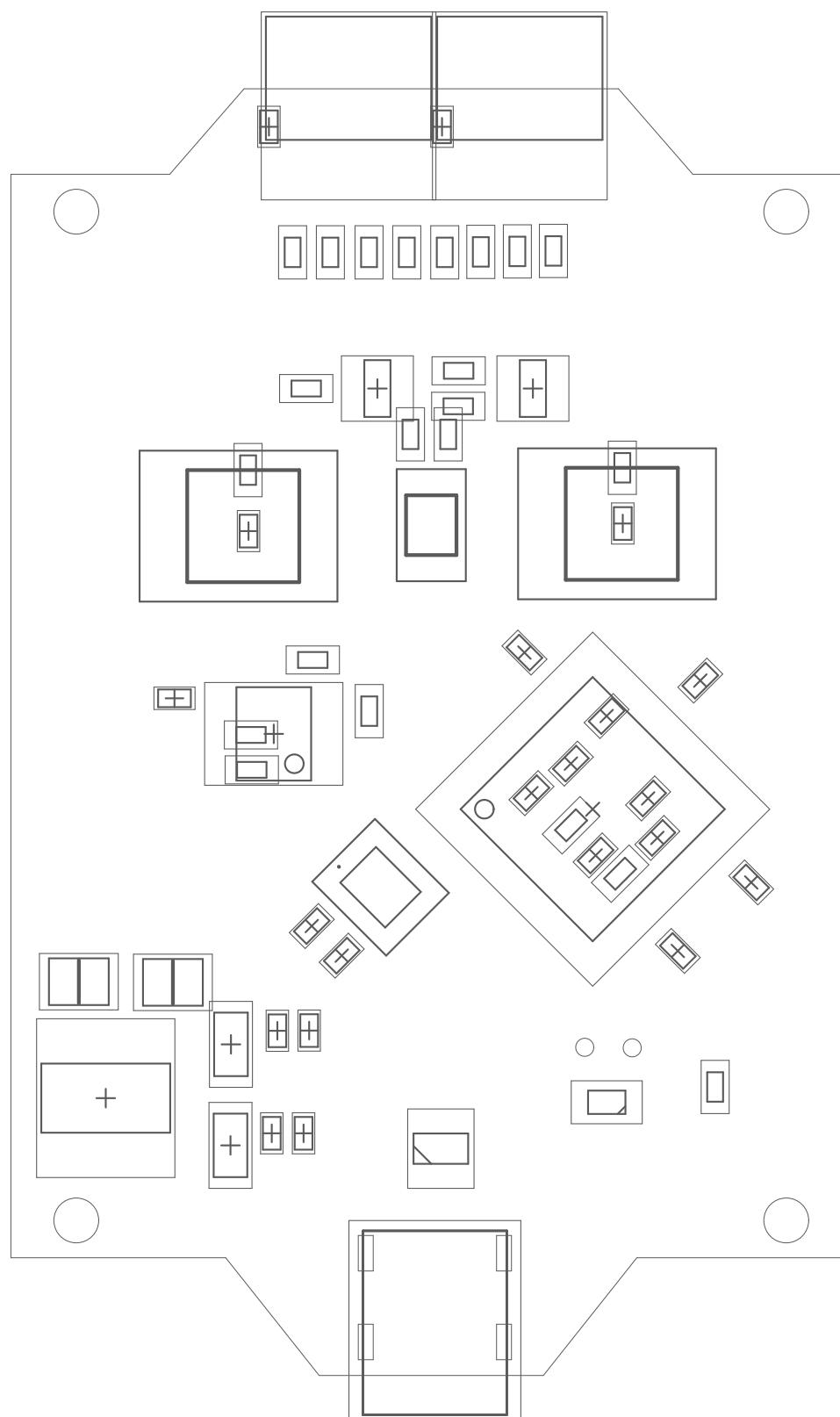


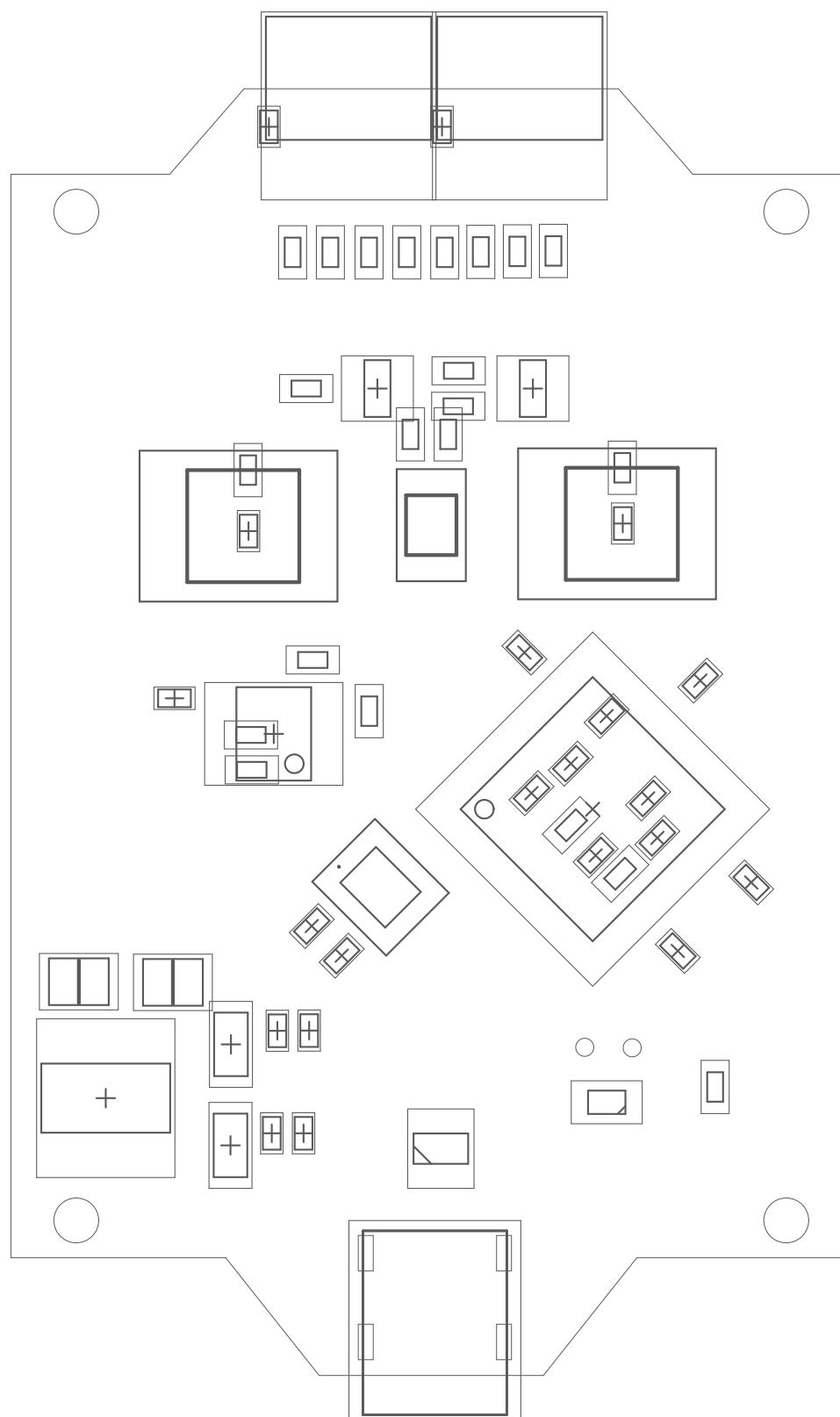


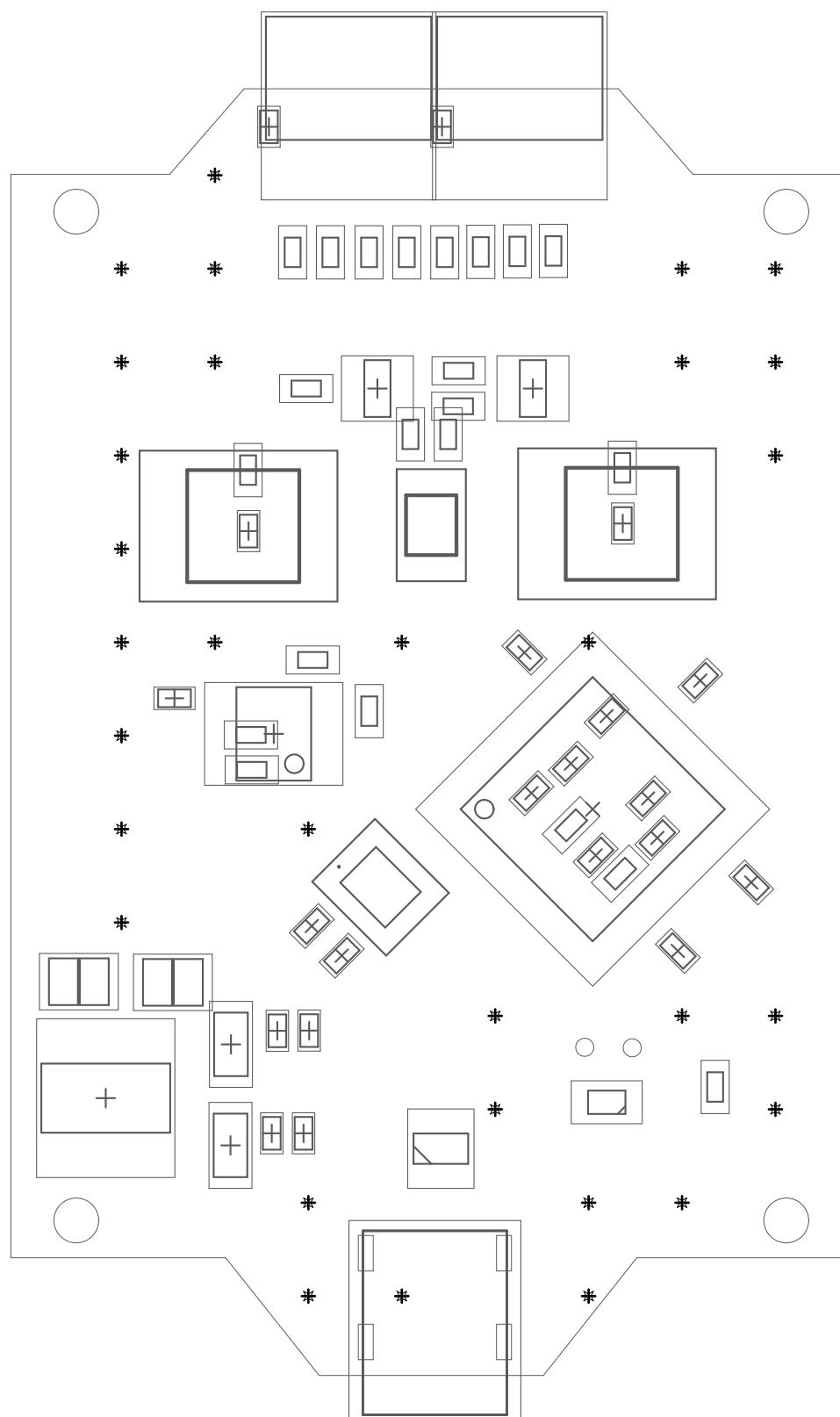


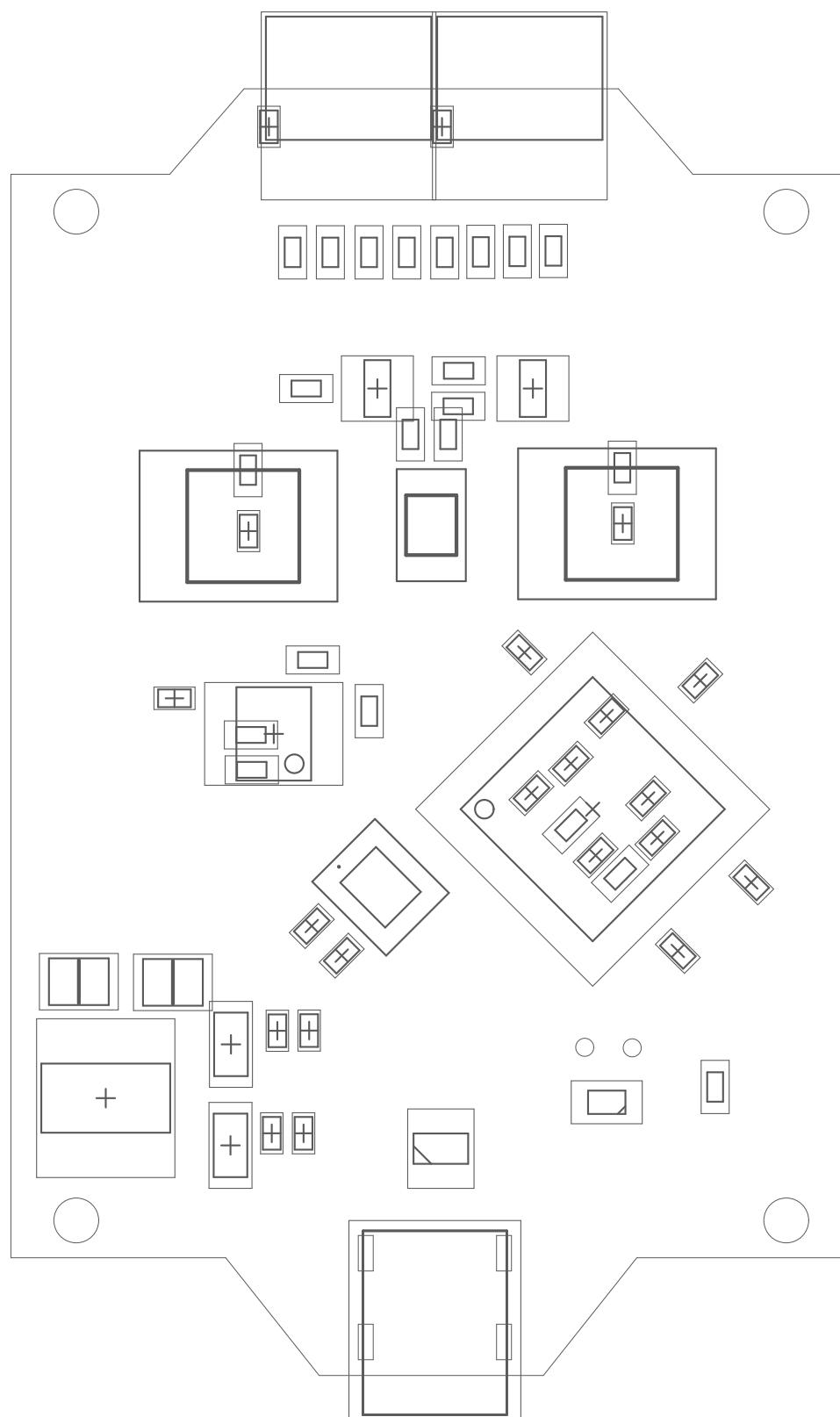


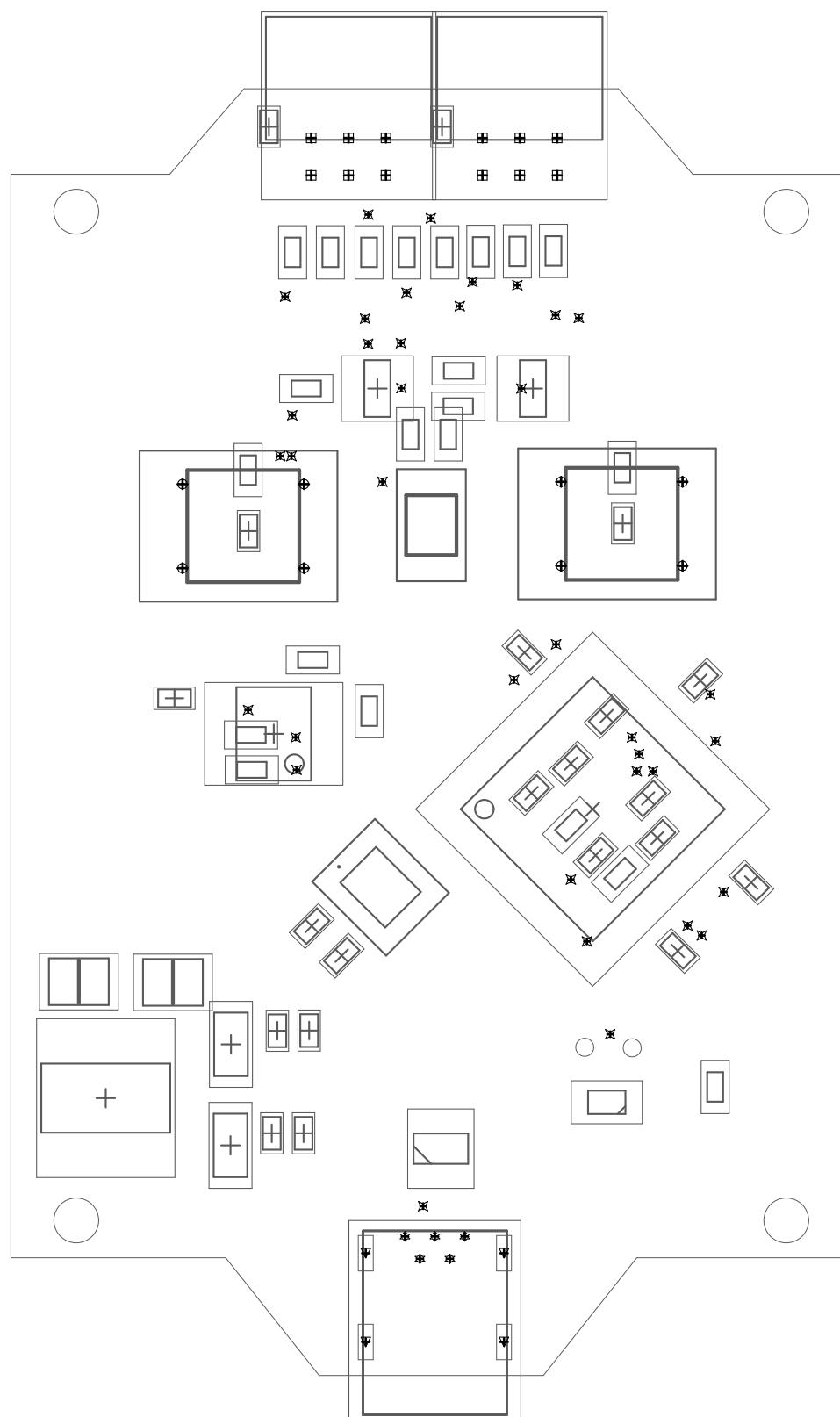


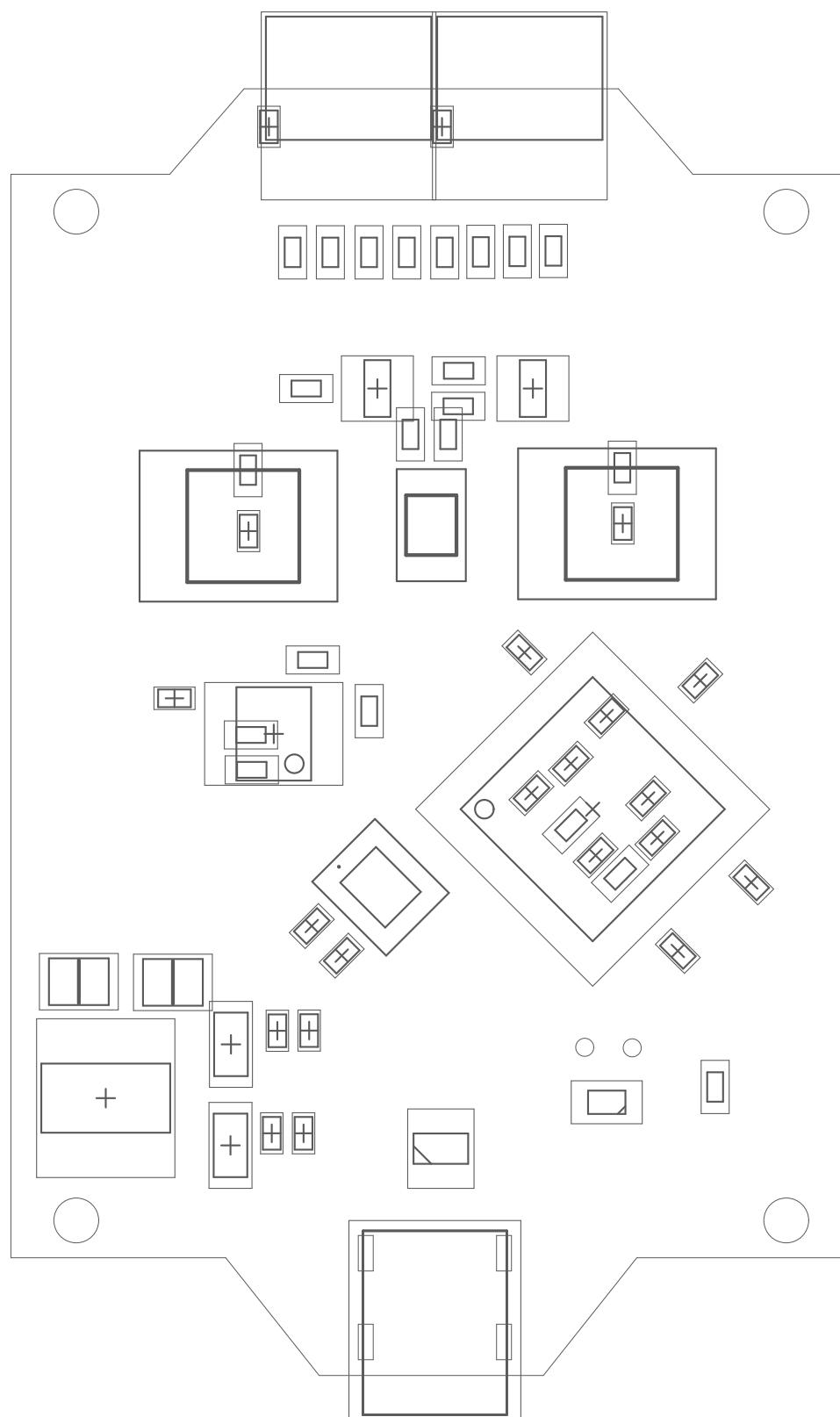


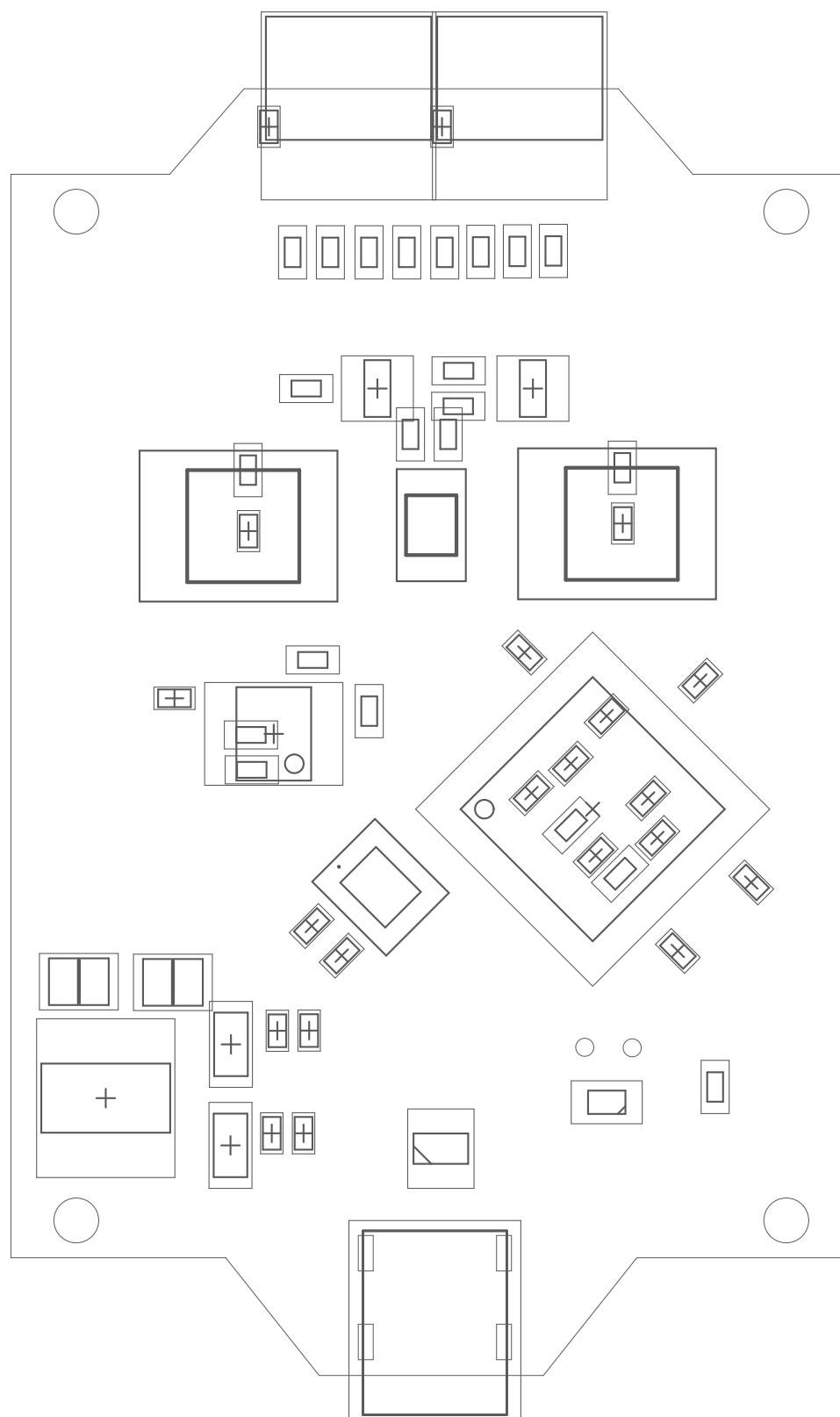


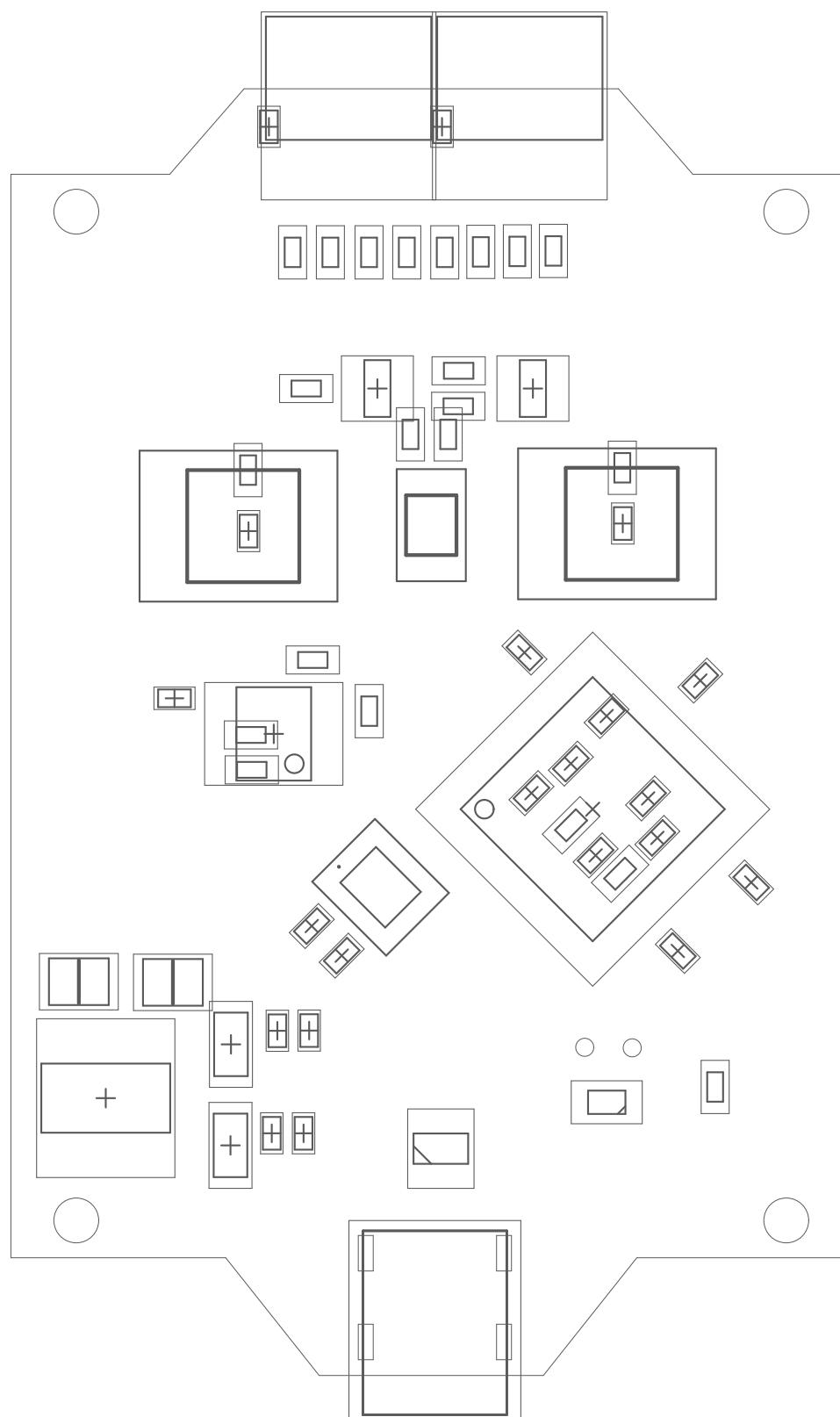






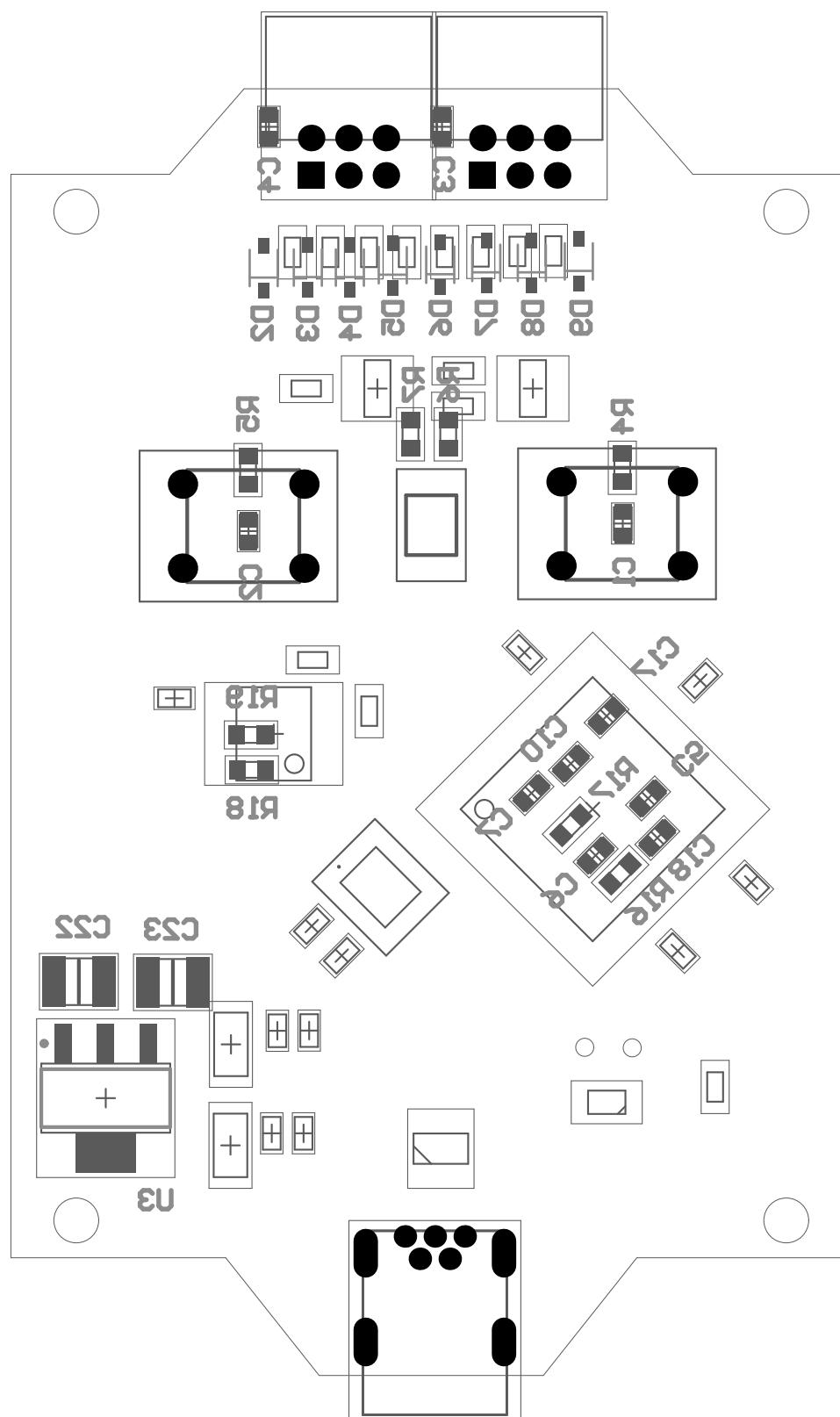


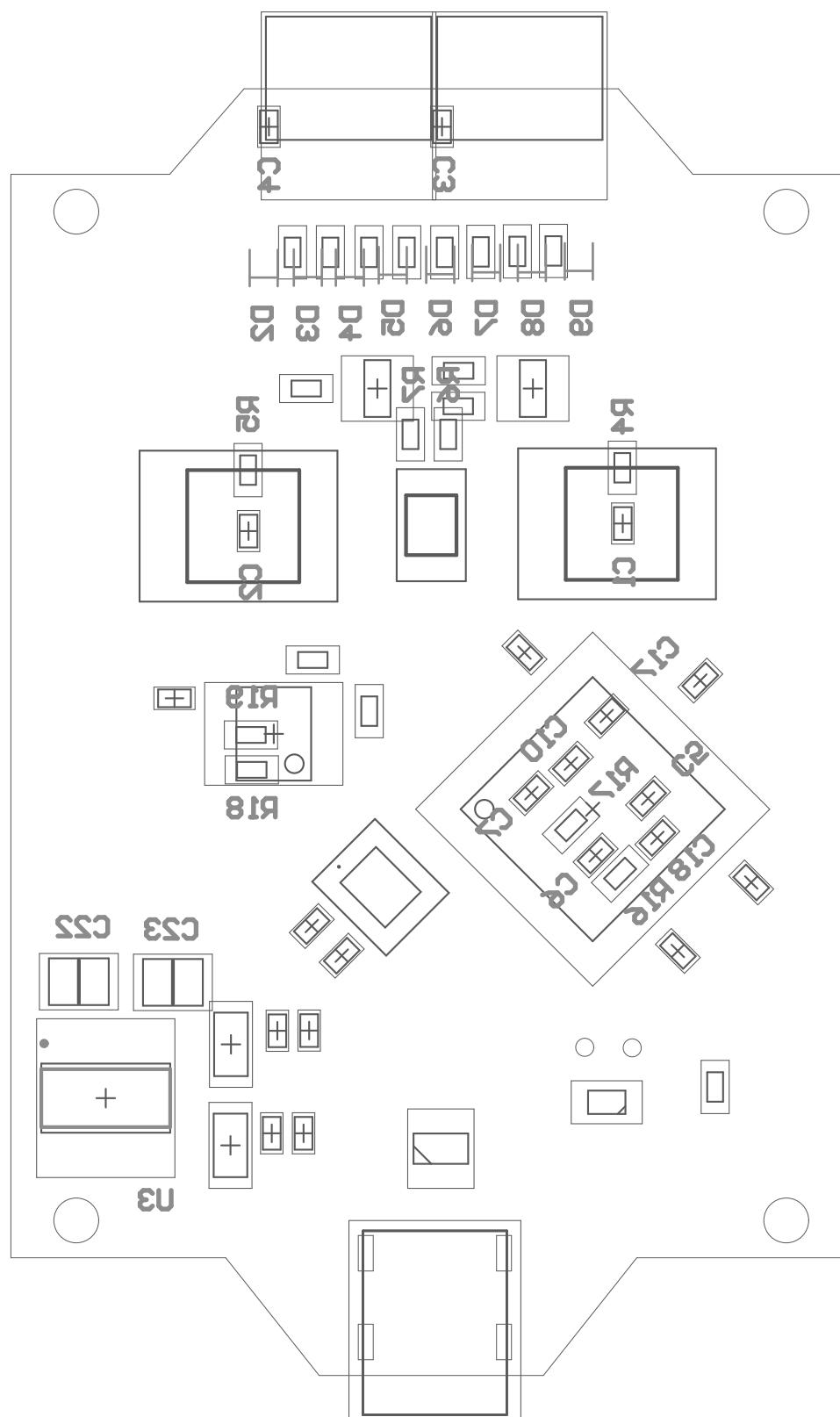


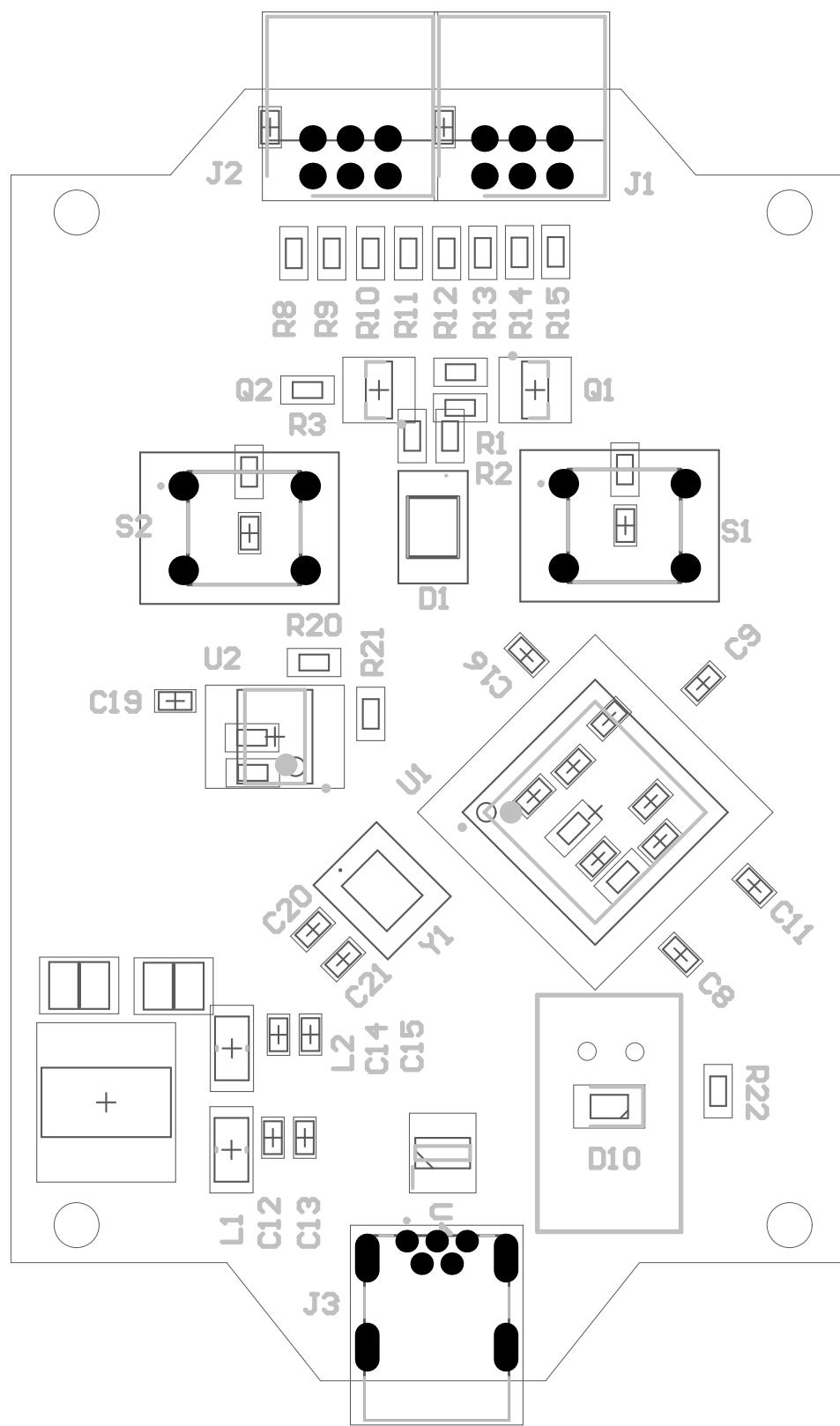


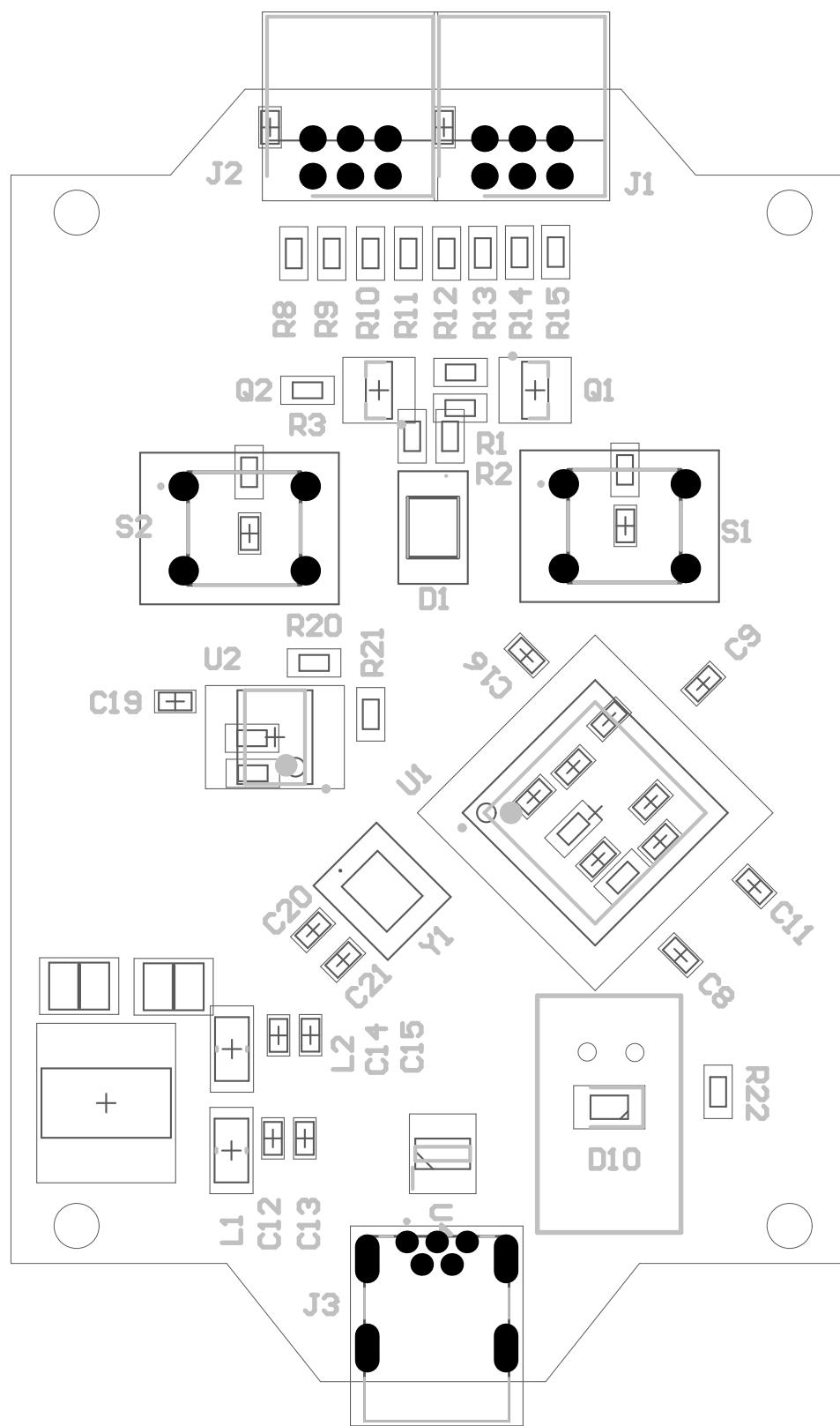
Board Stack Report

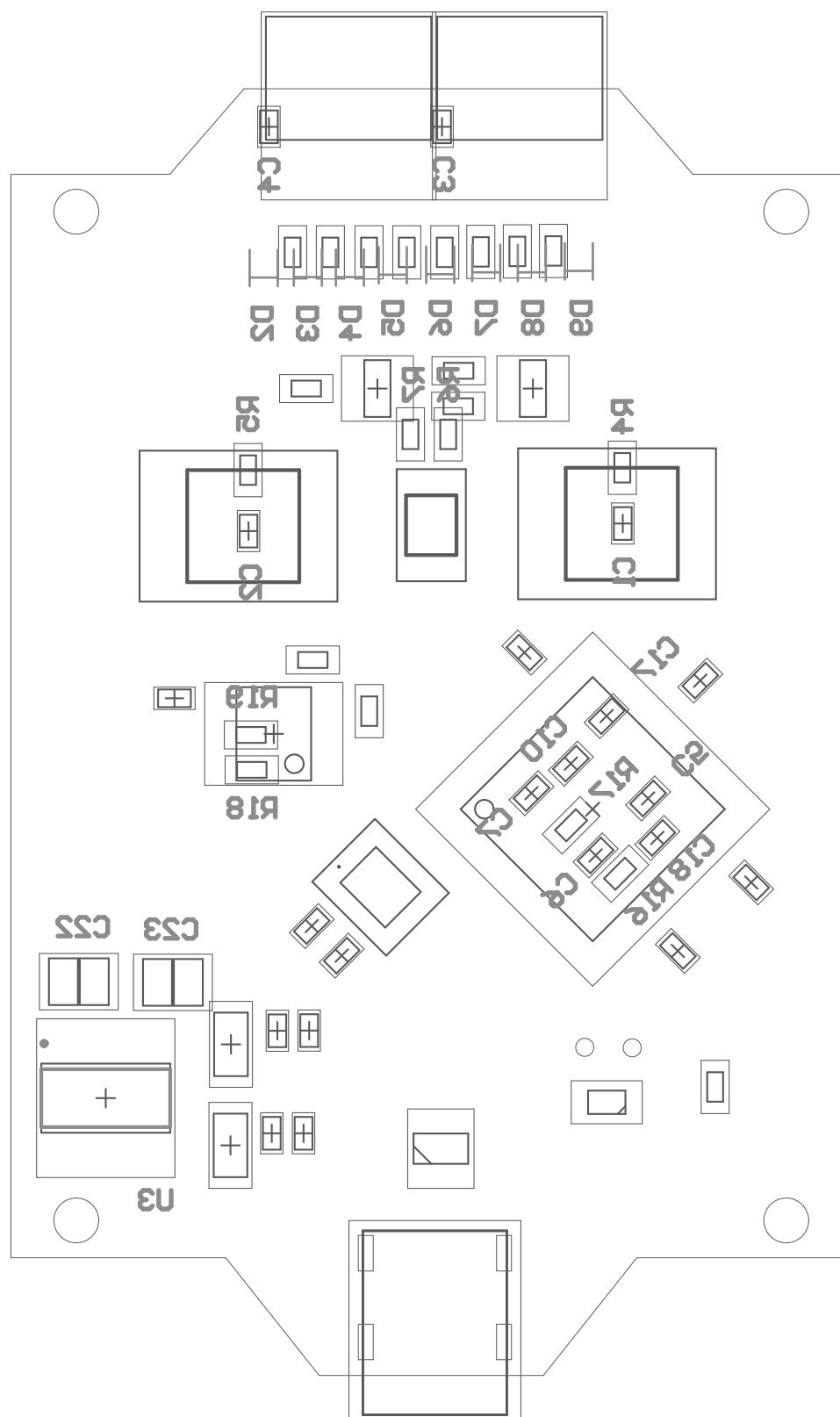
Stack Up		Layer Stack			
Layer	Board Layer Stack	Name	Material	Thickness	Constant
1		Top Overlay		0mil	
2		Top Solder	Solder Resist	0.4mil	3.5
3		Top Layer	CI-001	1.378mil	
4		Dielectric 6	PP-006	2.8mil	4.1
5		Prepreg 2	NCI-001	7.874mil	
6		Dielectric 5	PP-006	2.8mil	4.1
7		Power		1.378mil	
8		Dielectric 1	FR-4	59.409mil	4.8
9		Core	NCI-001	39.37mil	
10		Dielectric 4	PP-006	2.8mil	4.1
11		GND_plane	CI-001	1.378mil	
12		Dielectric 3	PP-006	2.8mil	4.1
13		Prepreg 1	NCI-001	7.874mil	
14		Dielectric 2	PP-006	2.8mil	4.1
15		Bottom Layer	CI-001	1.378mil	
16		Bottom Solder	Solder Resist	0.4mil	3.5
17		Bottom Overlay		0mil	
Height : 134.84mil					

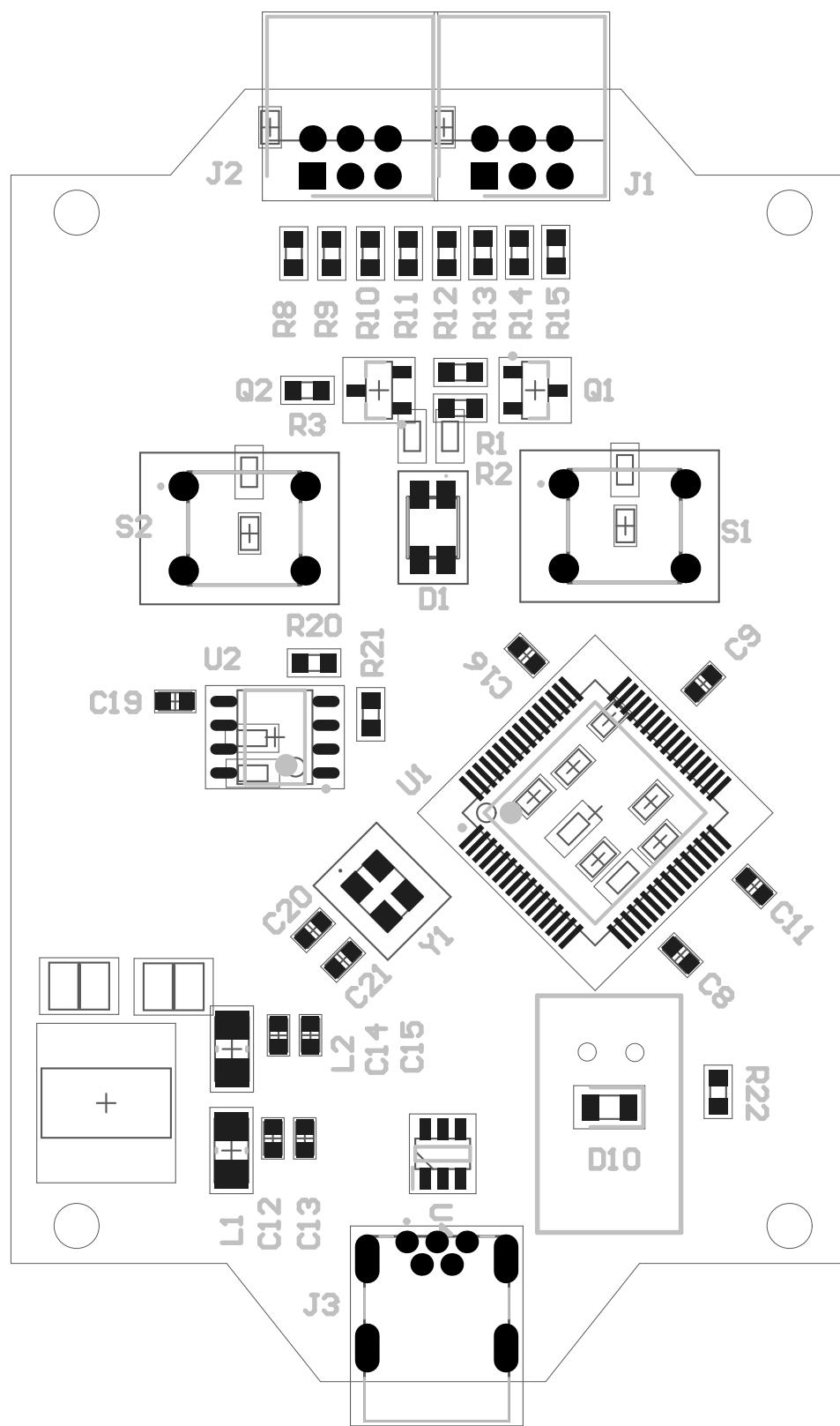


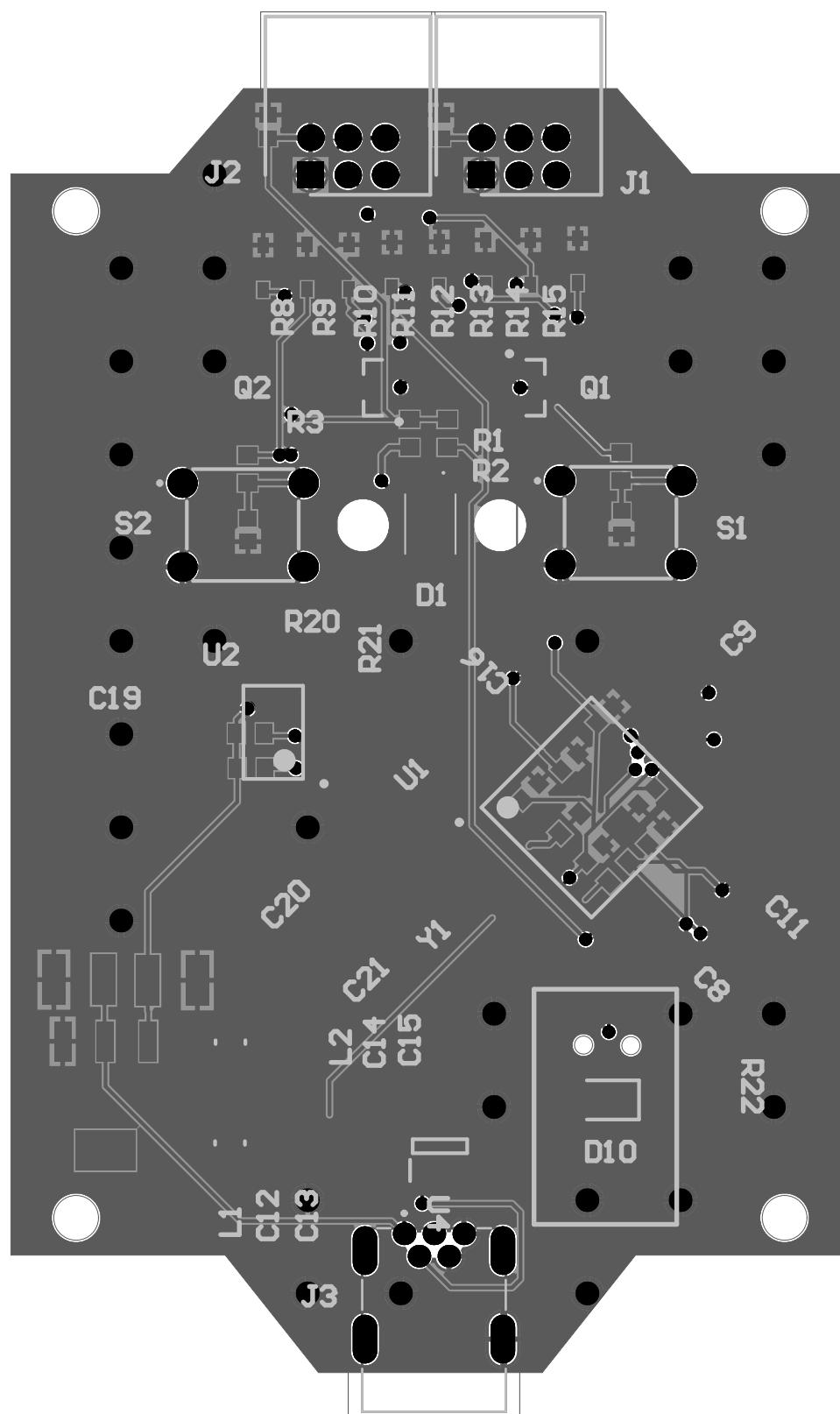


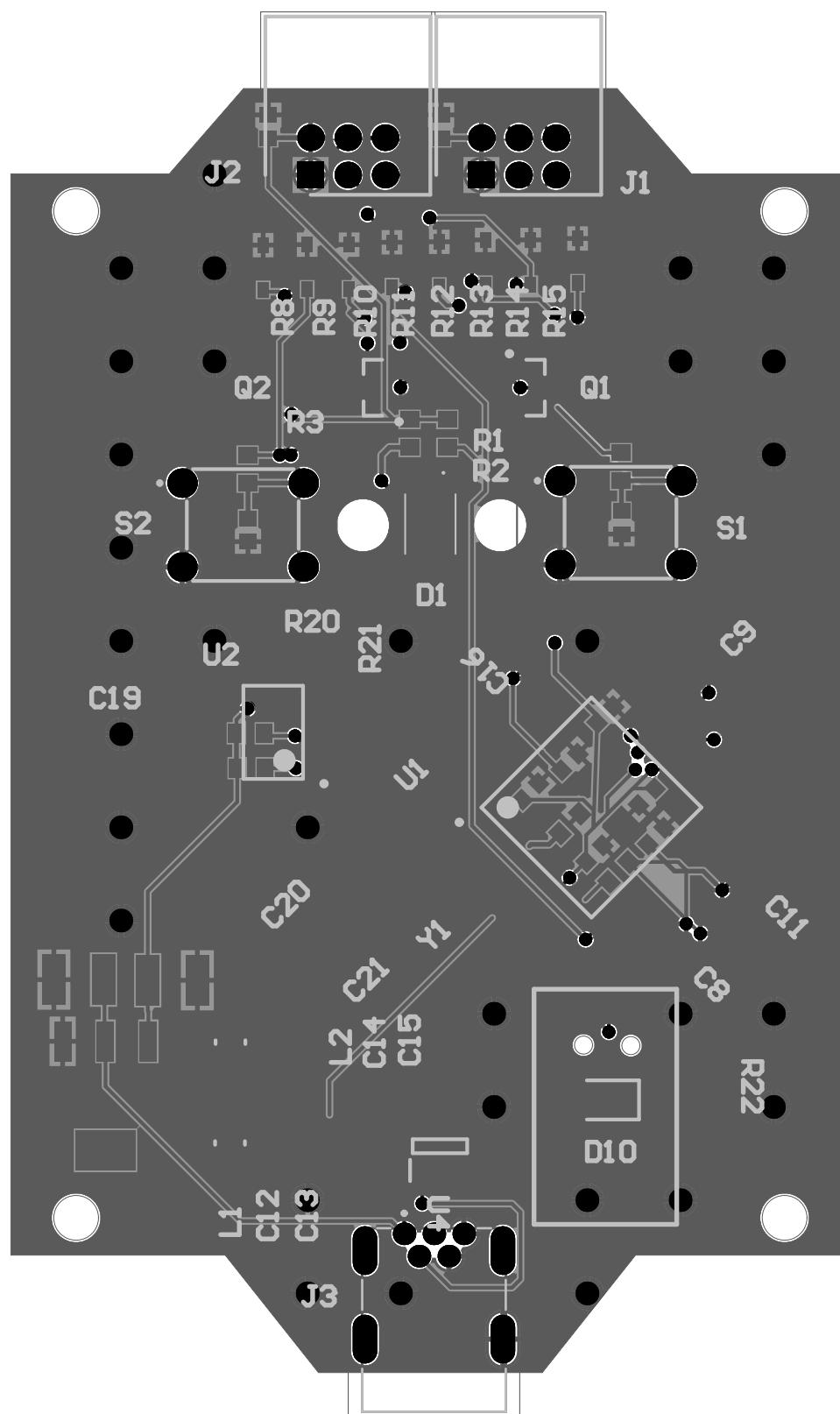


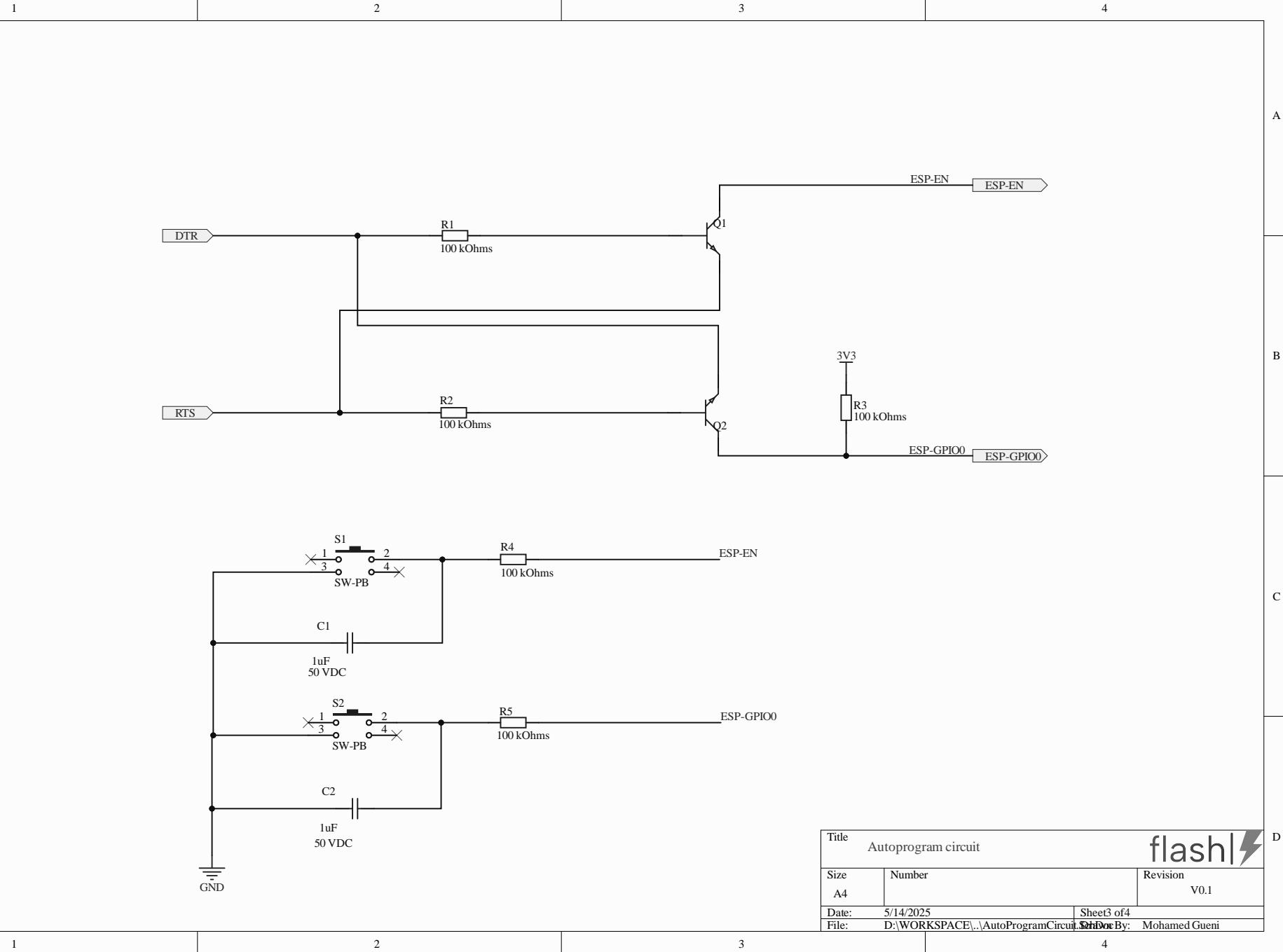


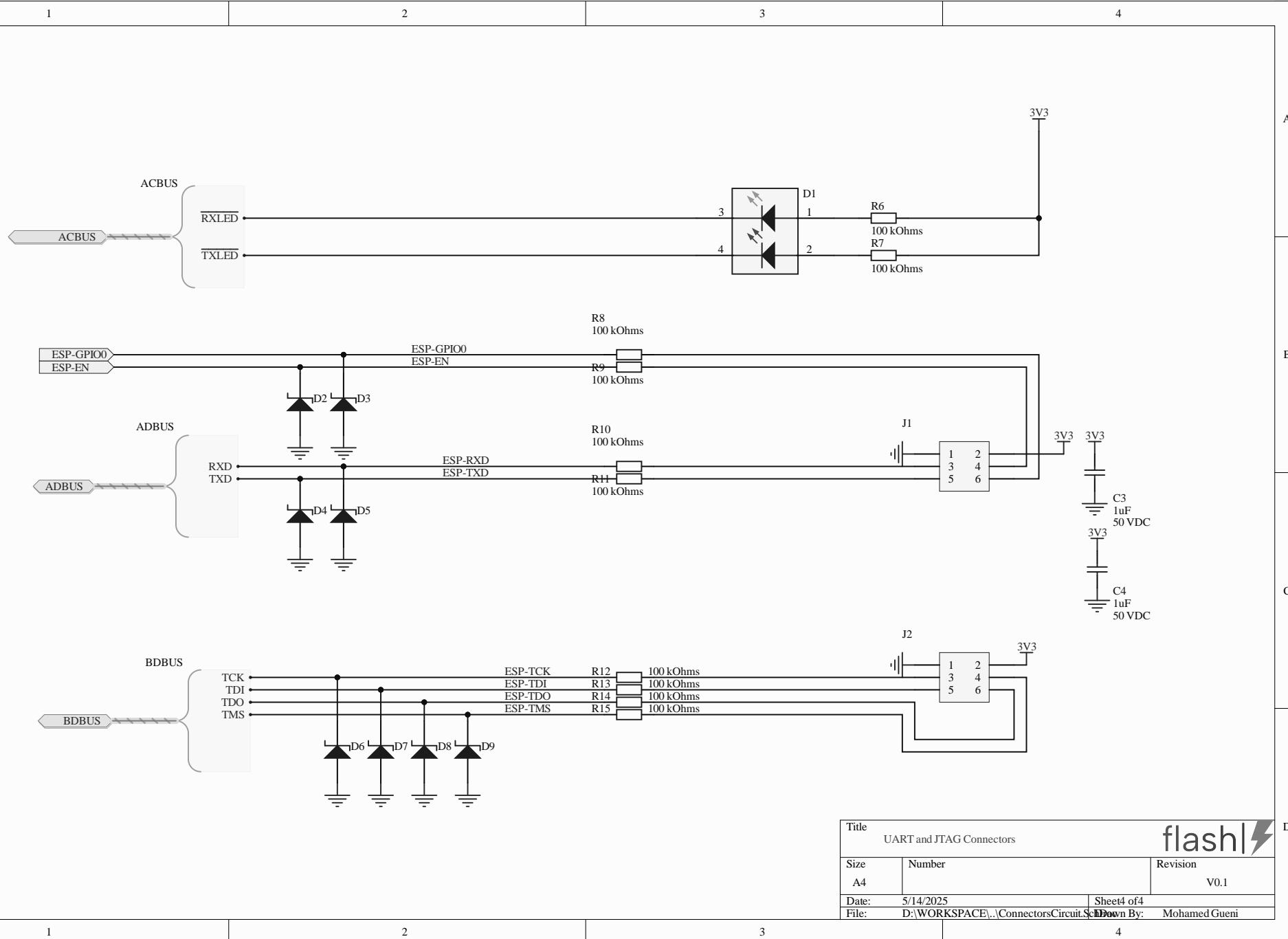


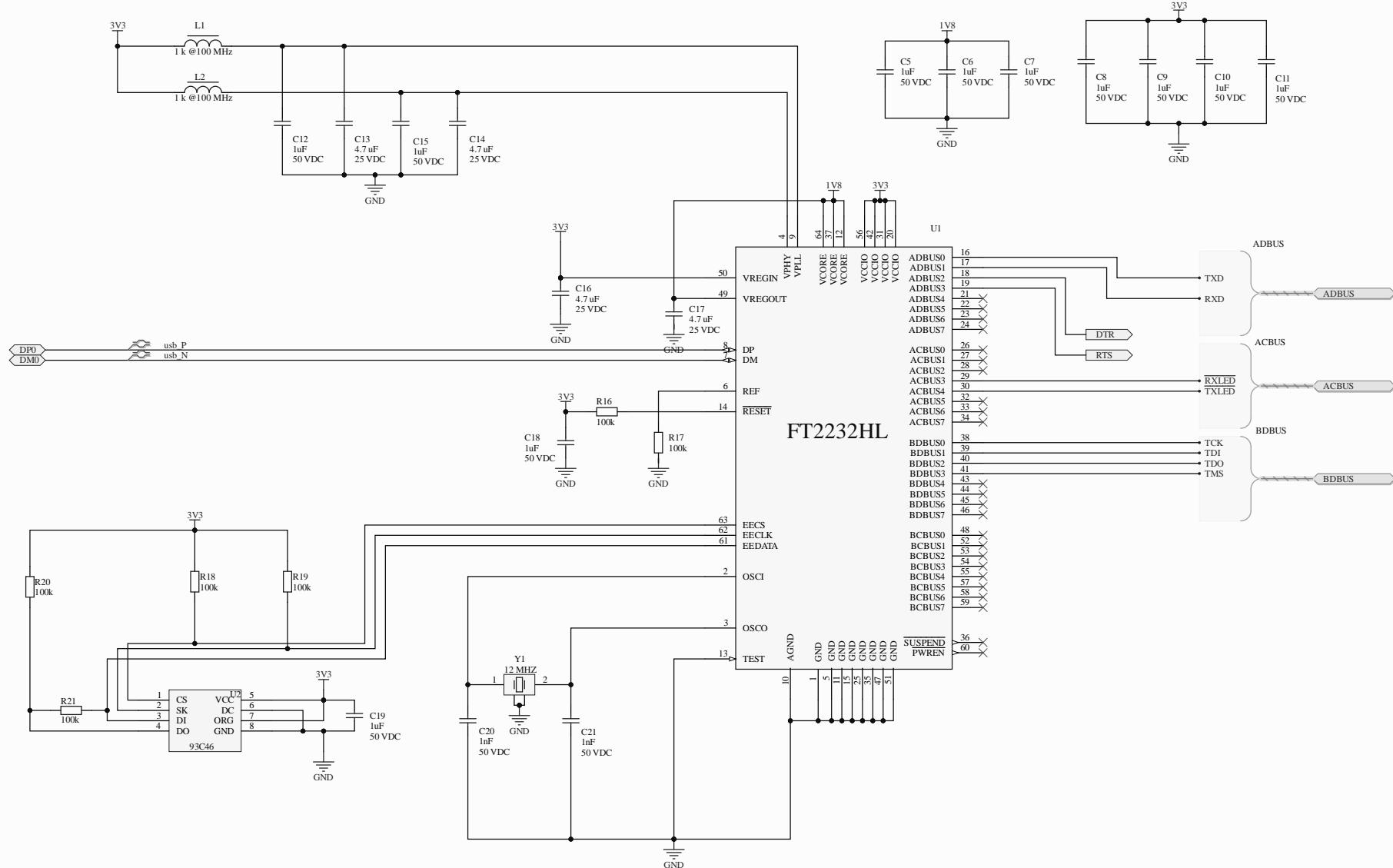












1

2

3

4

A

A

B

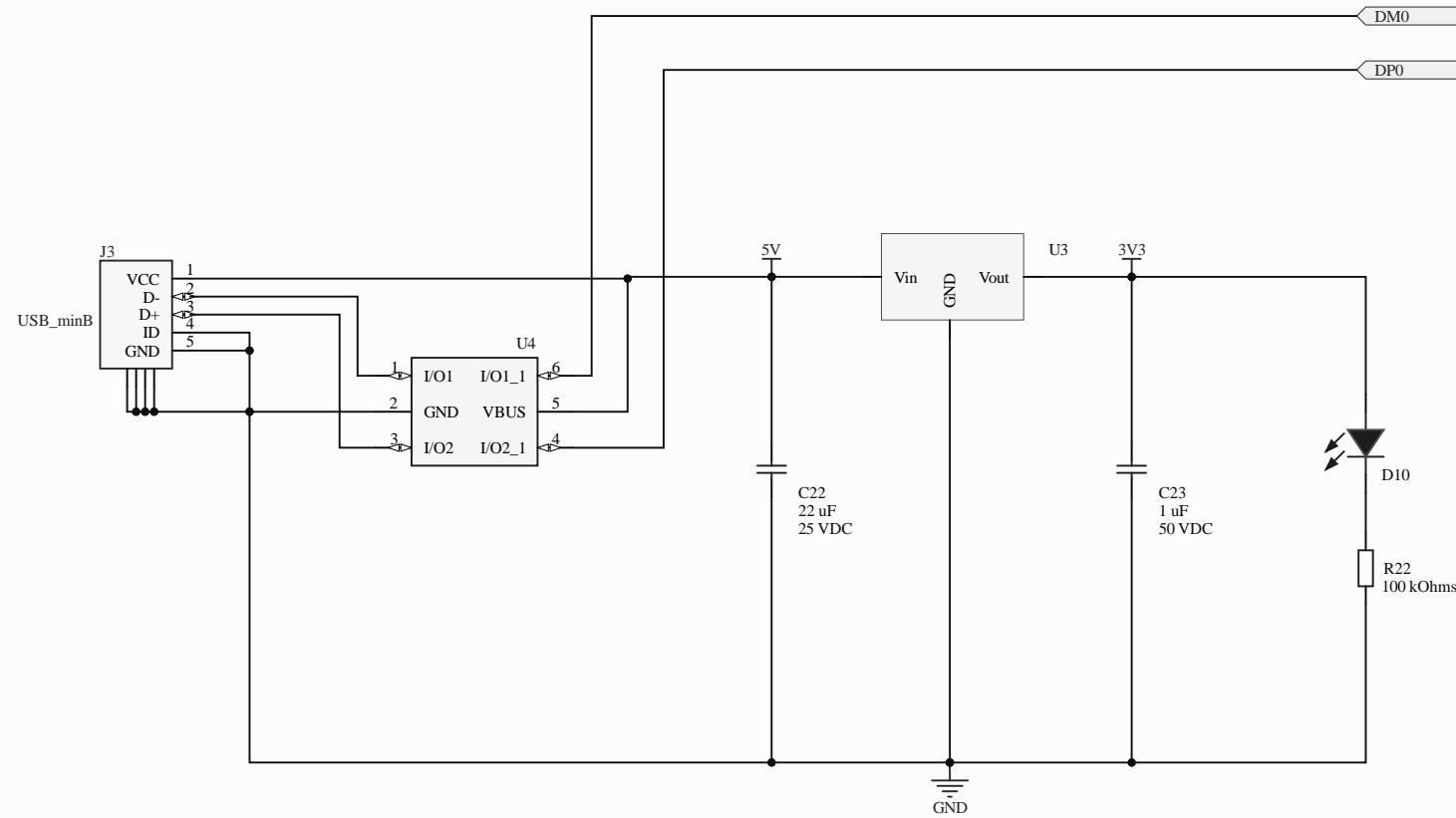
B

C

C

D

D



Title
USB/Power Connector Circuit

flash

Size A4	Number	Revision V0.1
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Date: 5/14/2025	Sheet2 of 4
File: D:\WORKSPACE\..\USBandPOWER.Sch	Drawn By: Mohamed Gueni

1

2

3

4