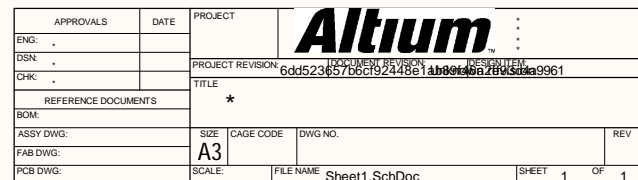
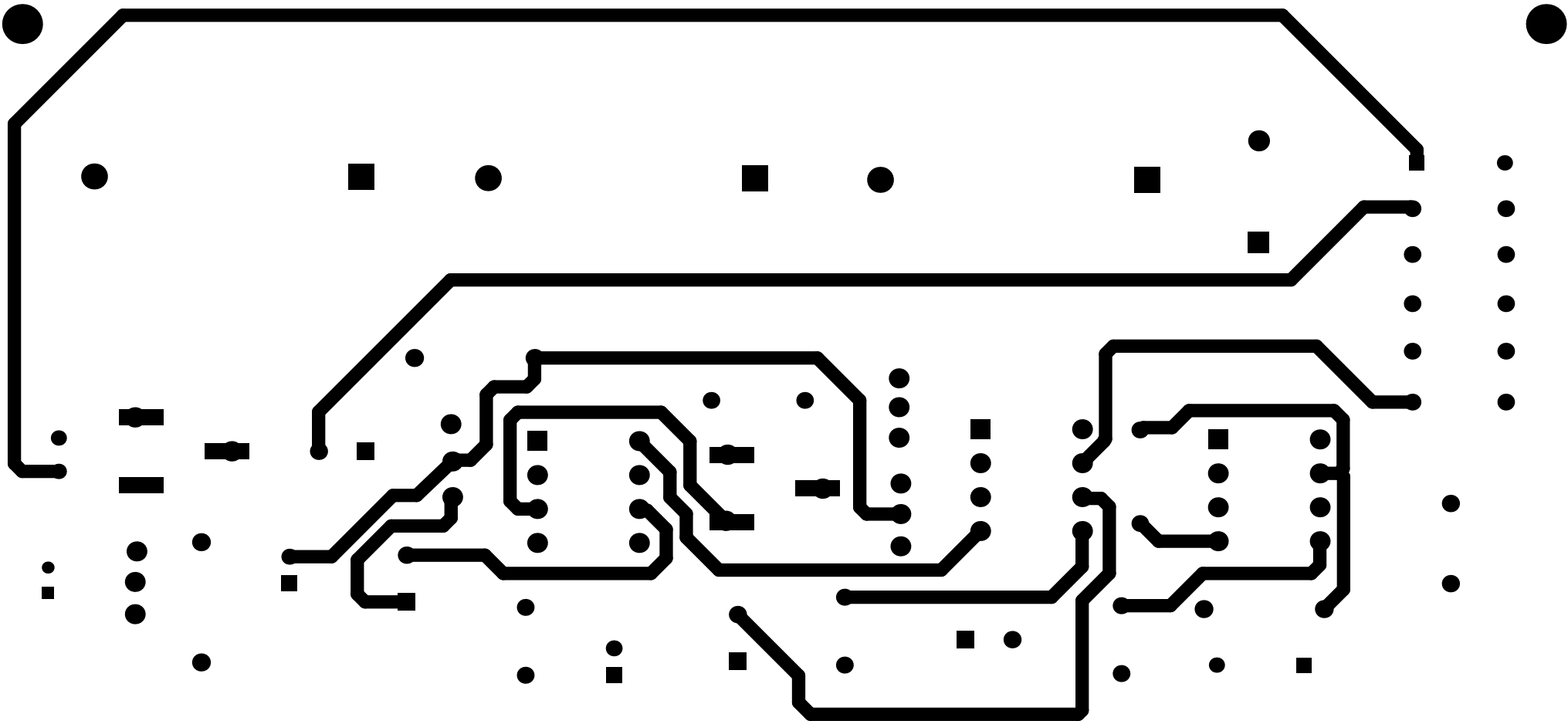
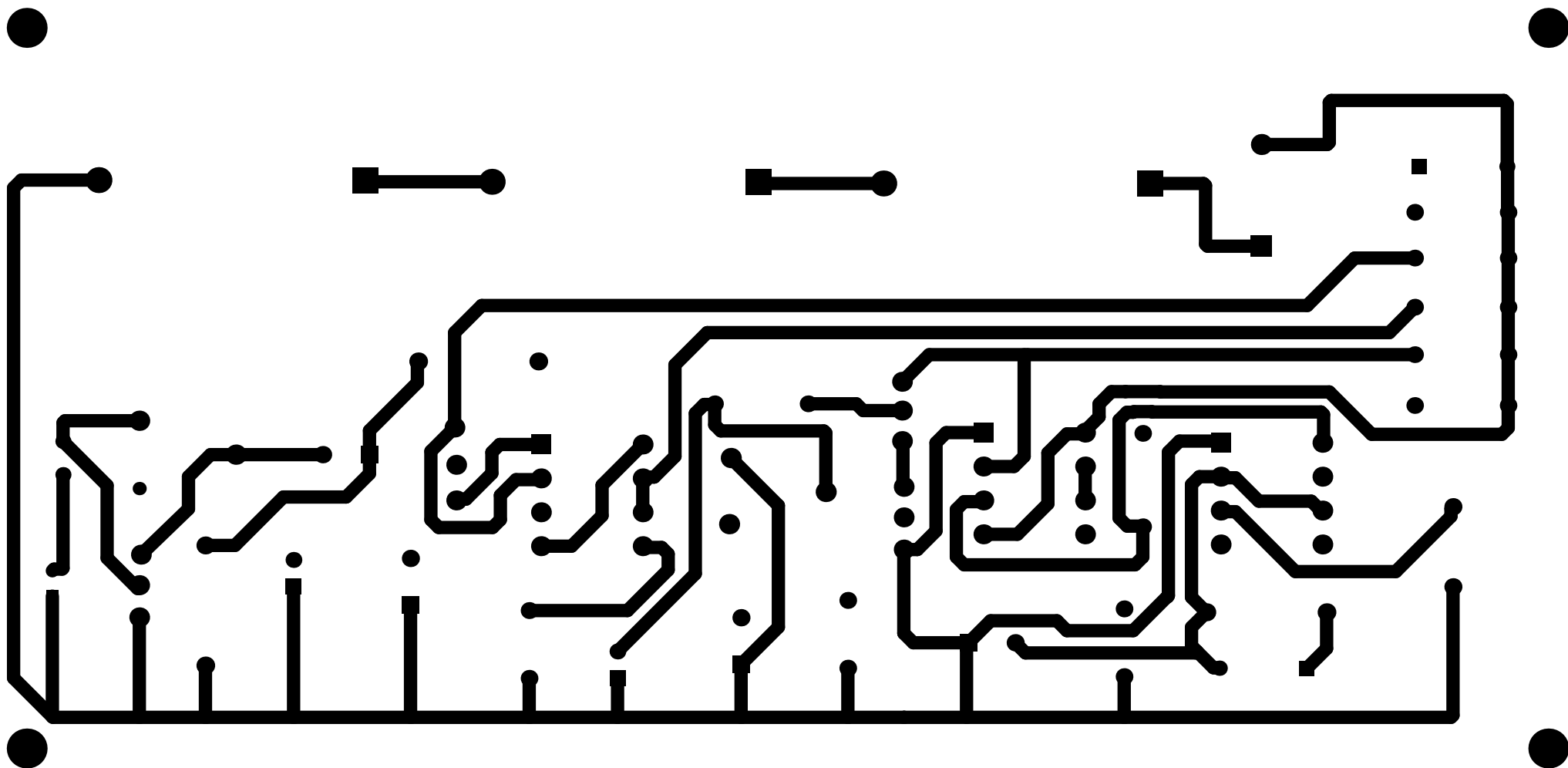


REVISION	DESCRIPTION	DATE	APPROVED





KEY TAG DETECTOR - 2022/E/080, 2022/E/126 - SEMESTER 04 - F0E | U0J



232

BT2

BT1

S1

R1

R2

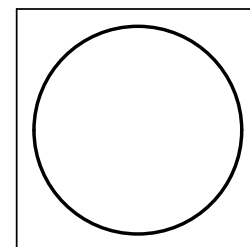
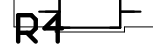
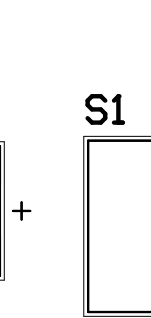
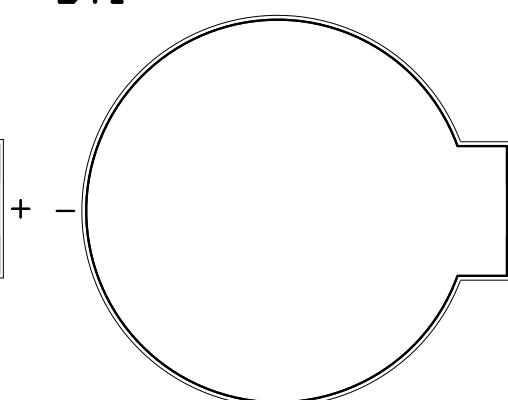
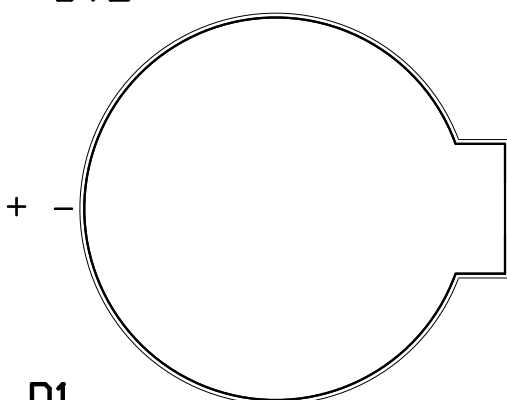
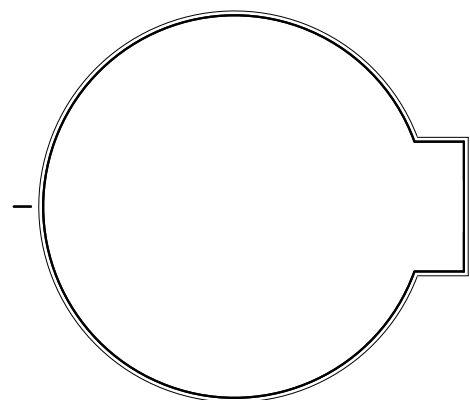
R3

R4

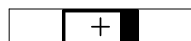
R5

R6

IC1



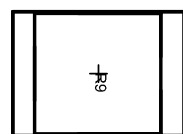
D1



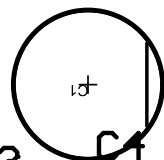
C2



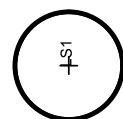
R9



C1



LS1



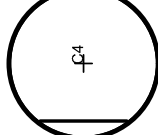
D3



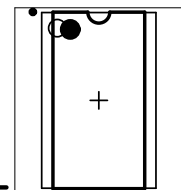
C3



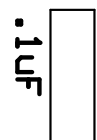
C4



U1



C5



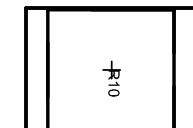
C6



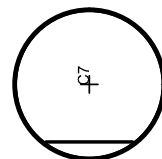
R8



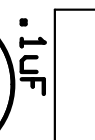
R10



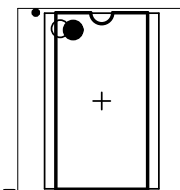
C7



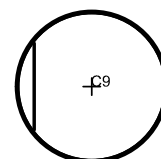
C8



U2



C9



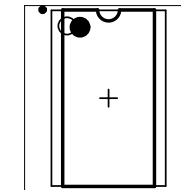
C10



R7

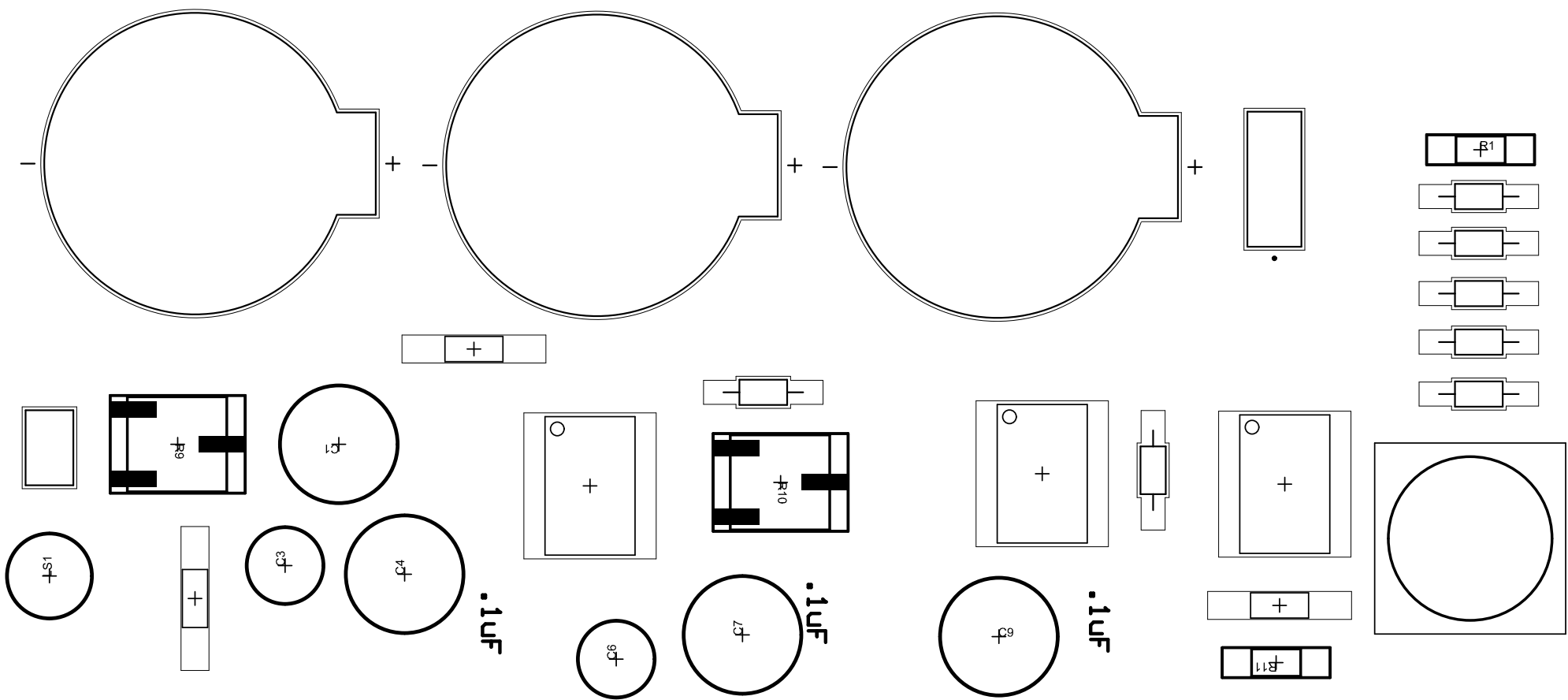


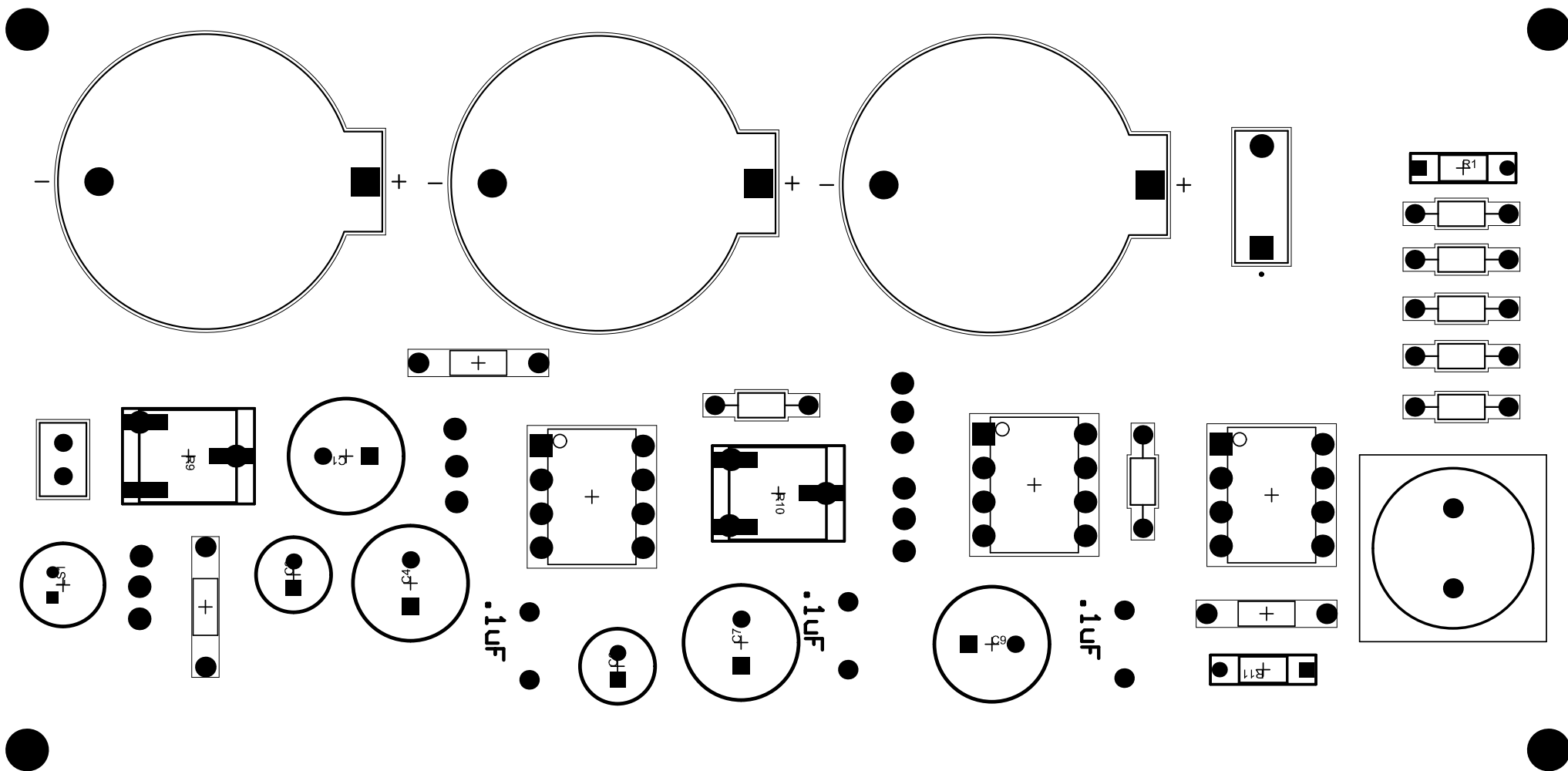
U3

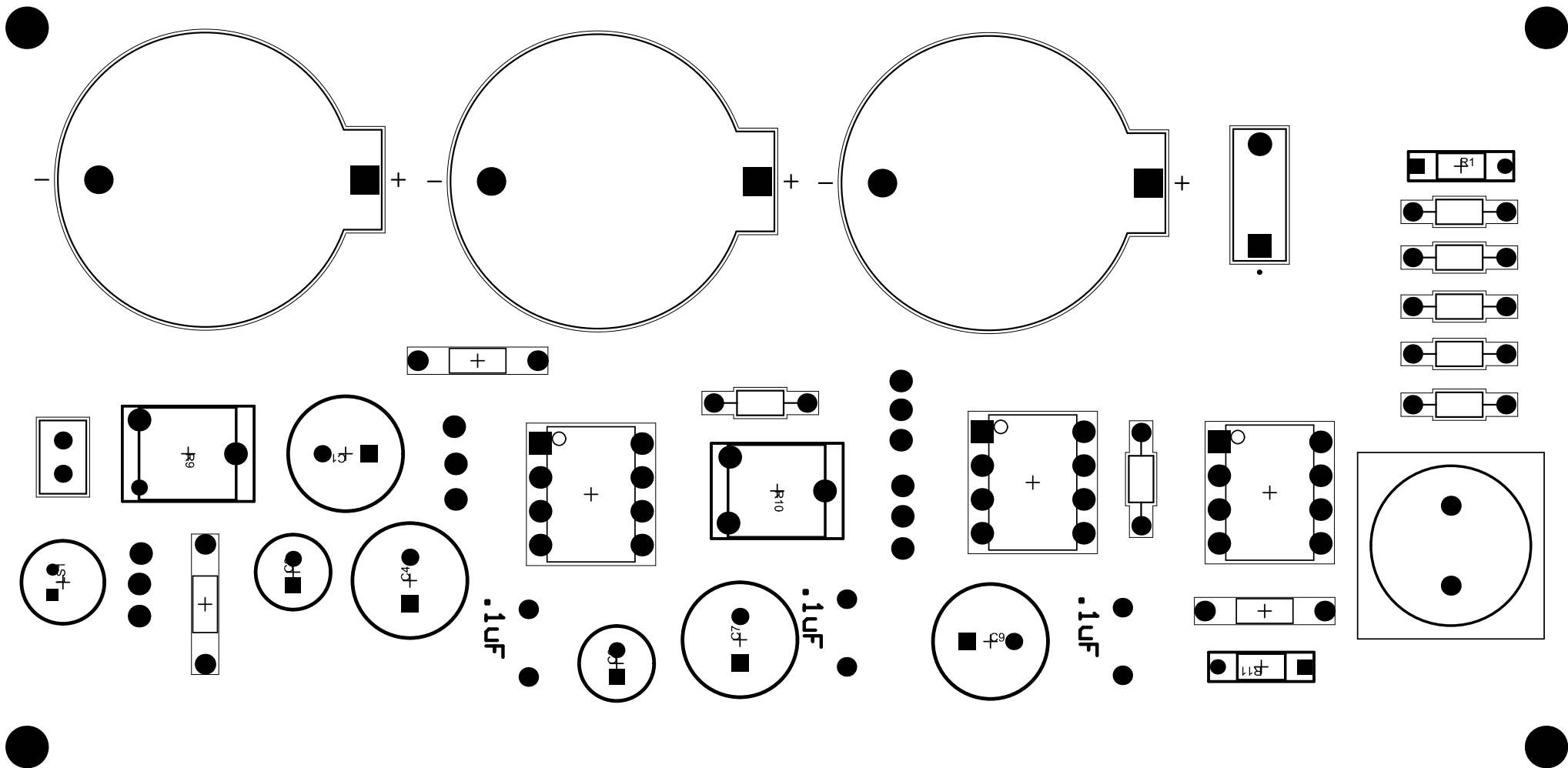


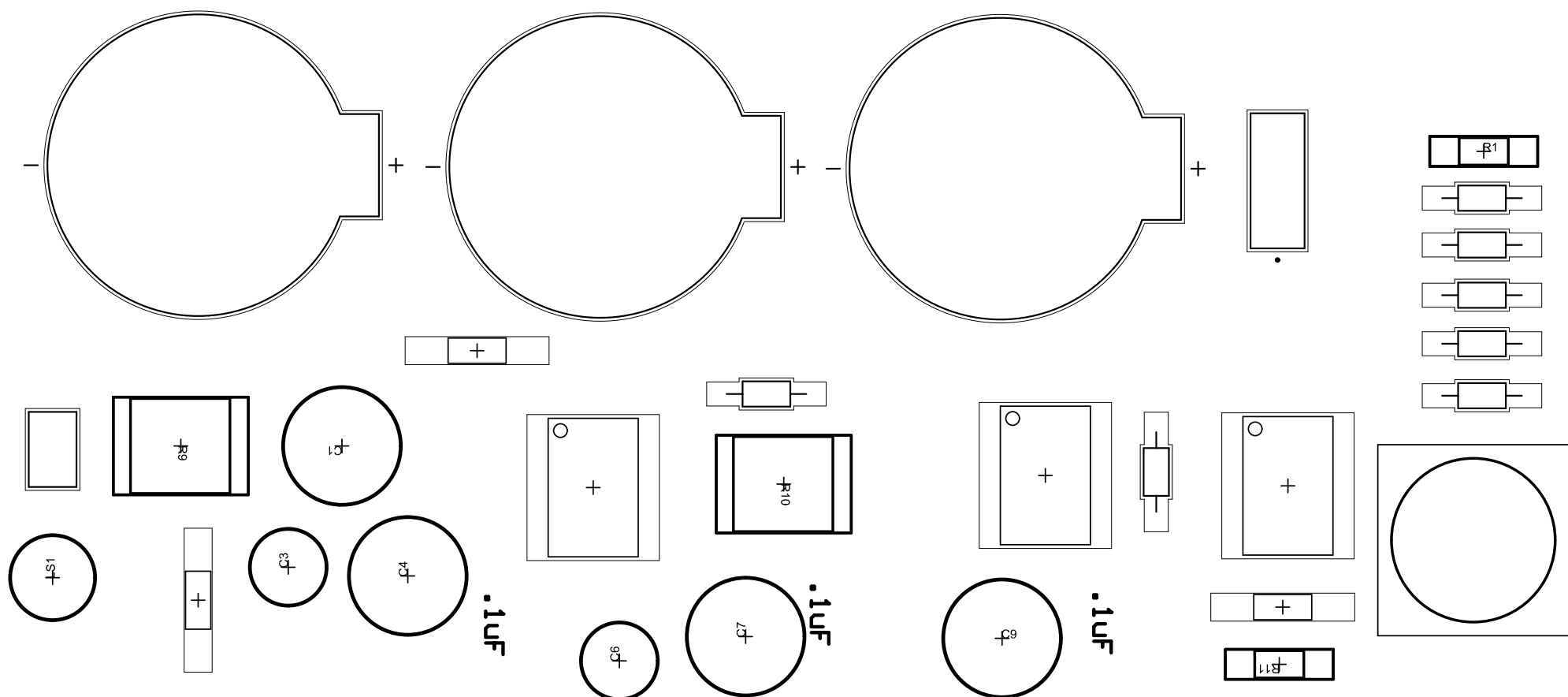
D2

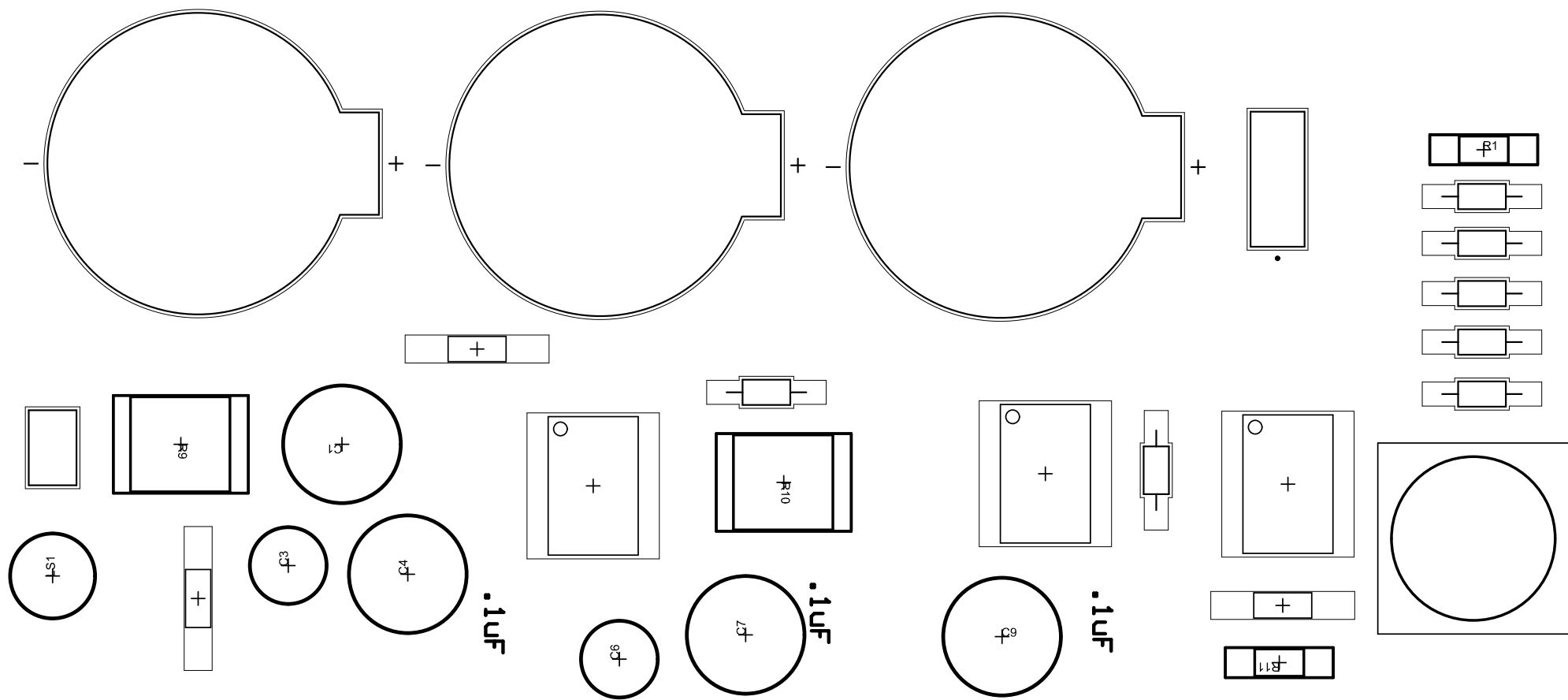


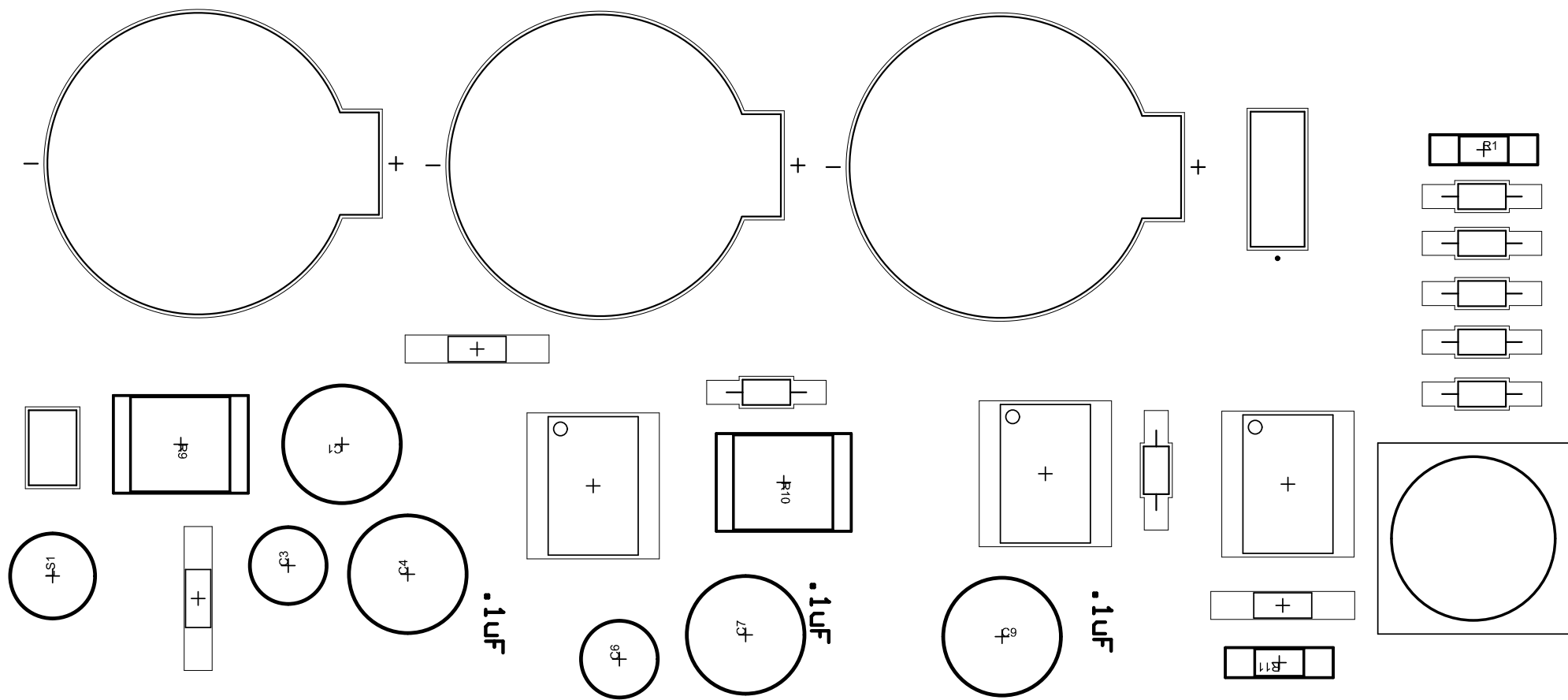


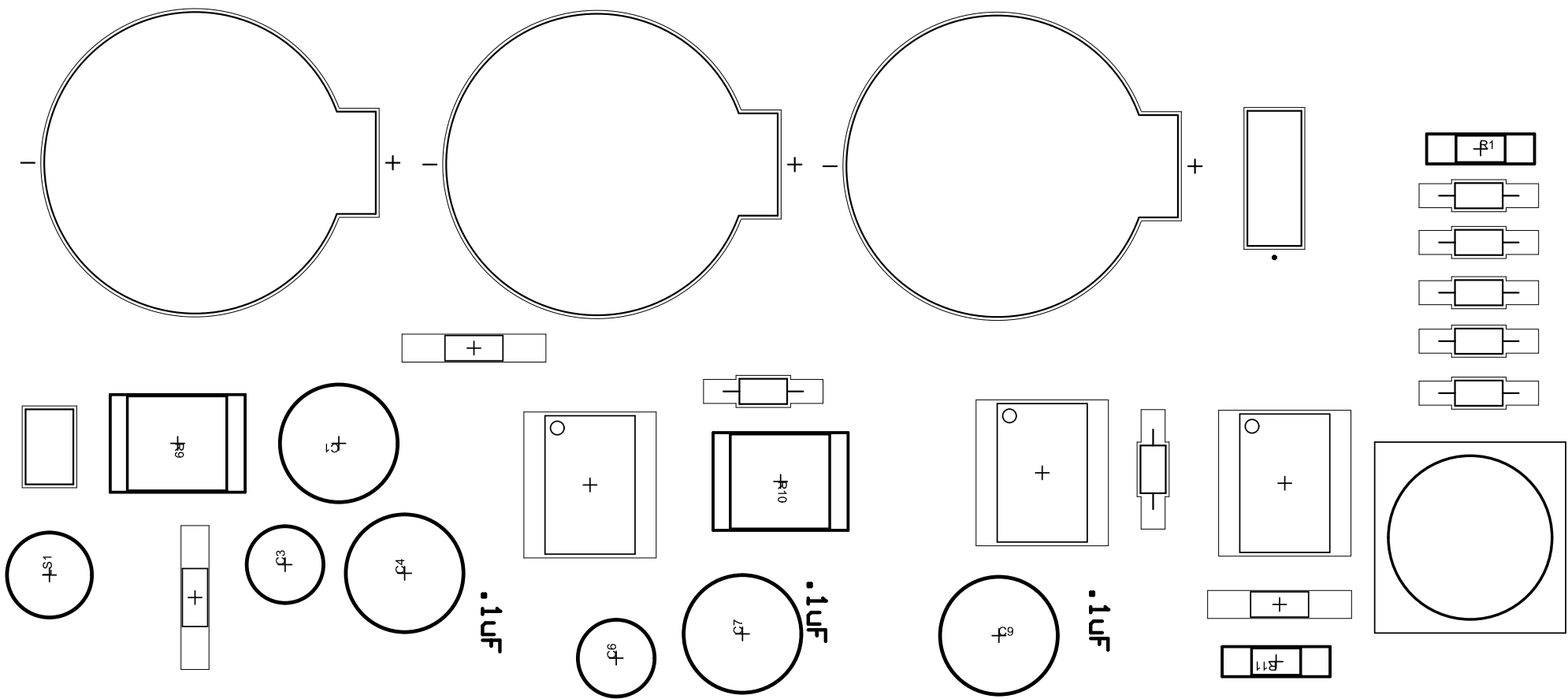


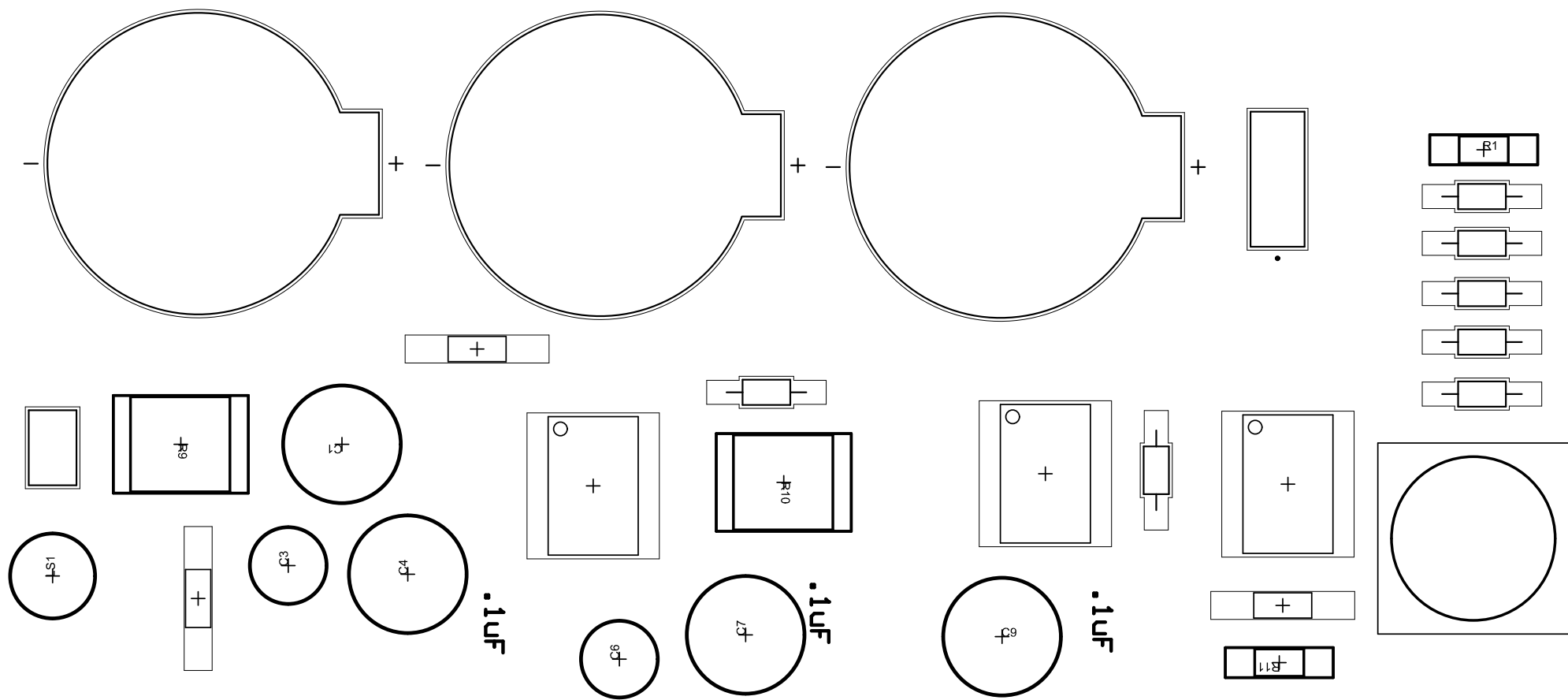


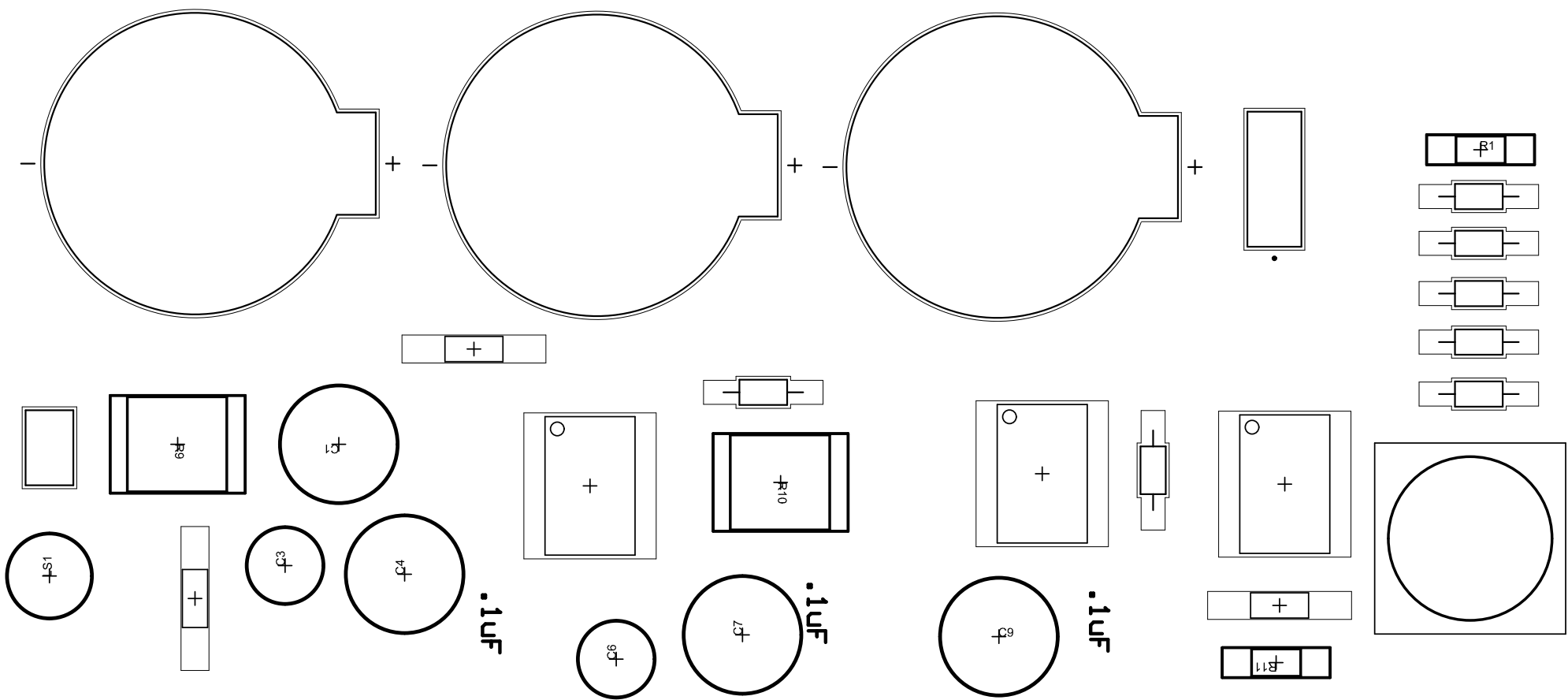


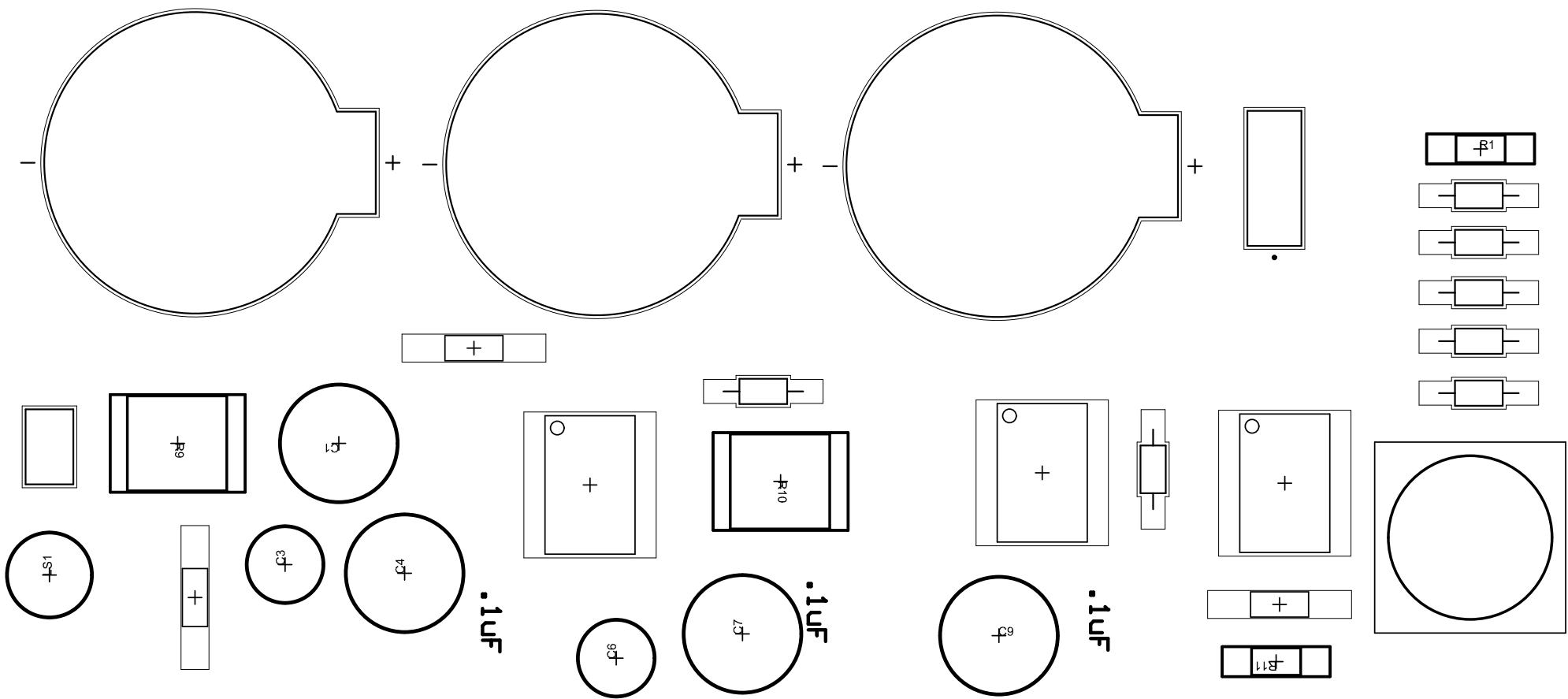


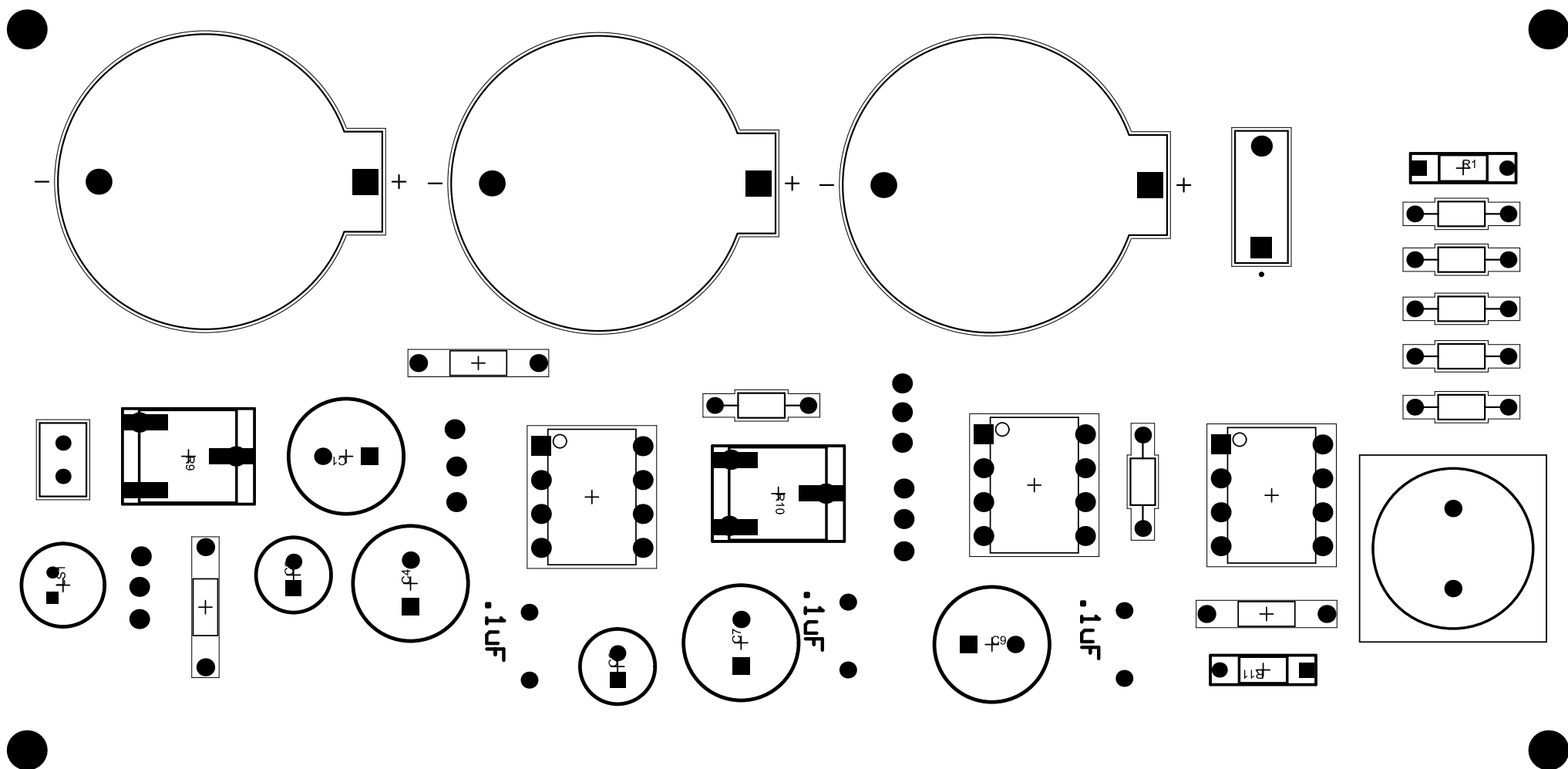


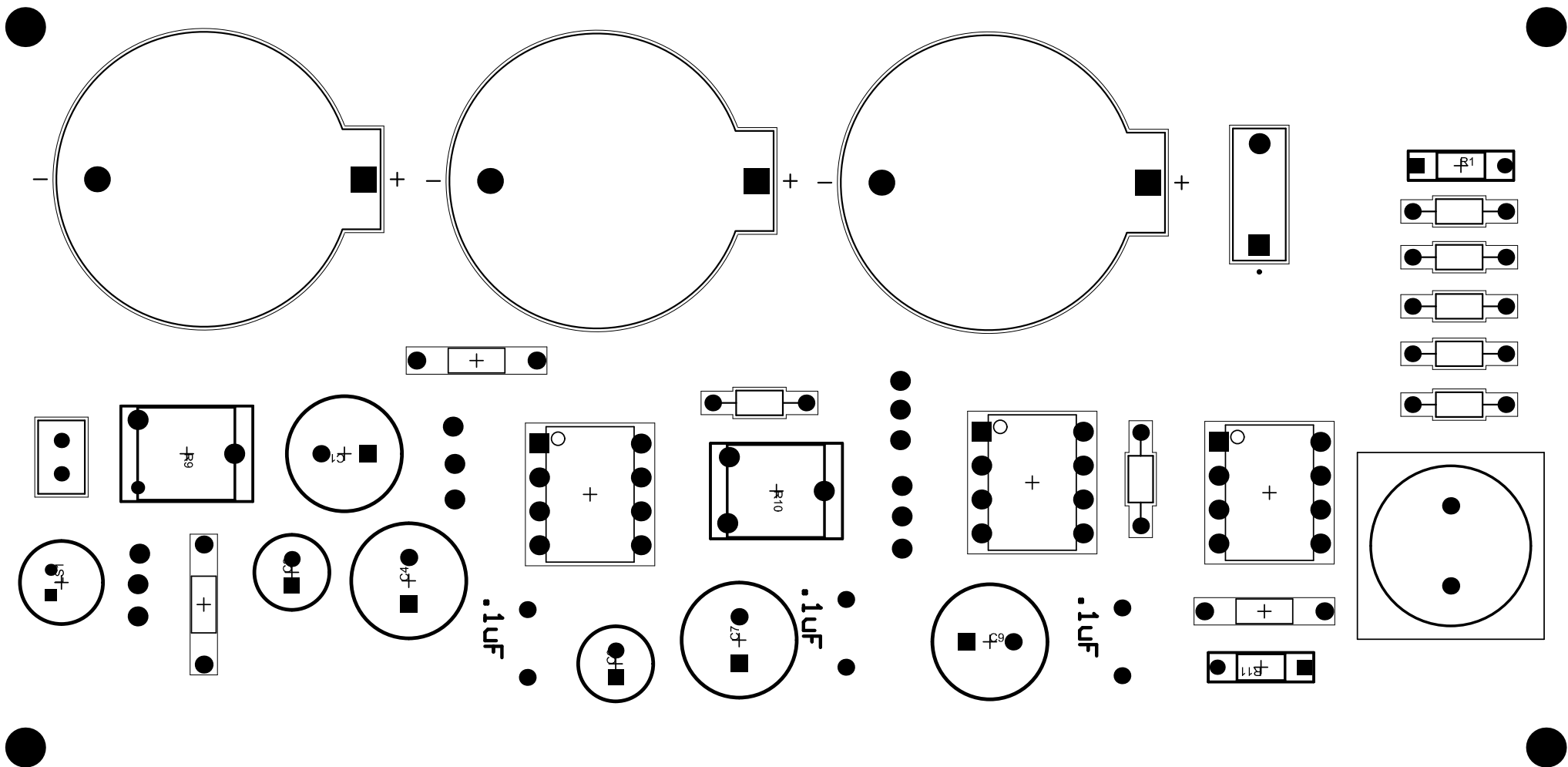


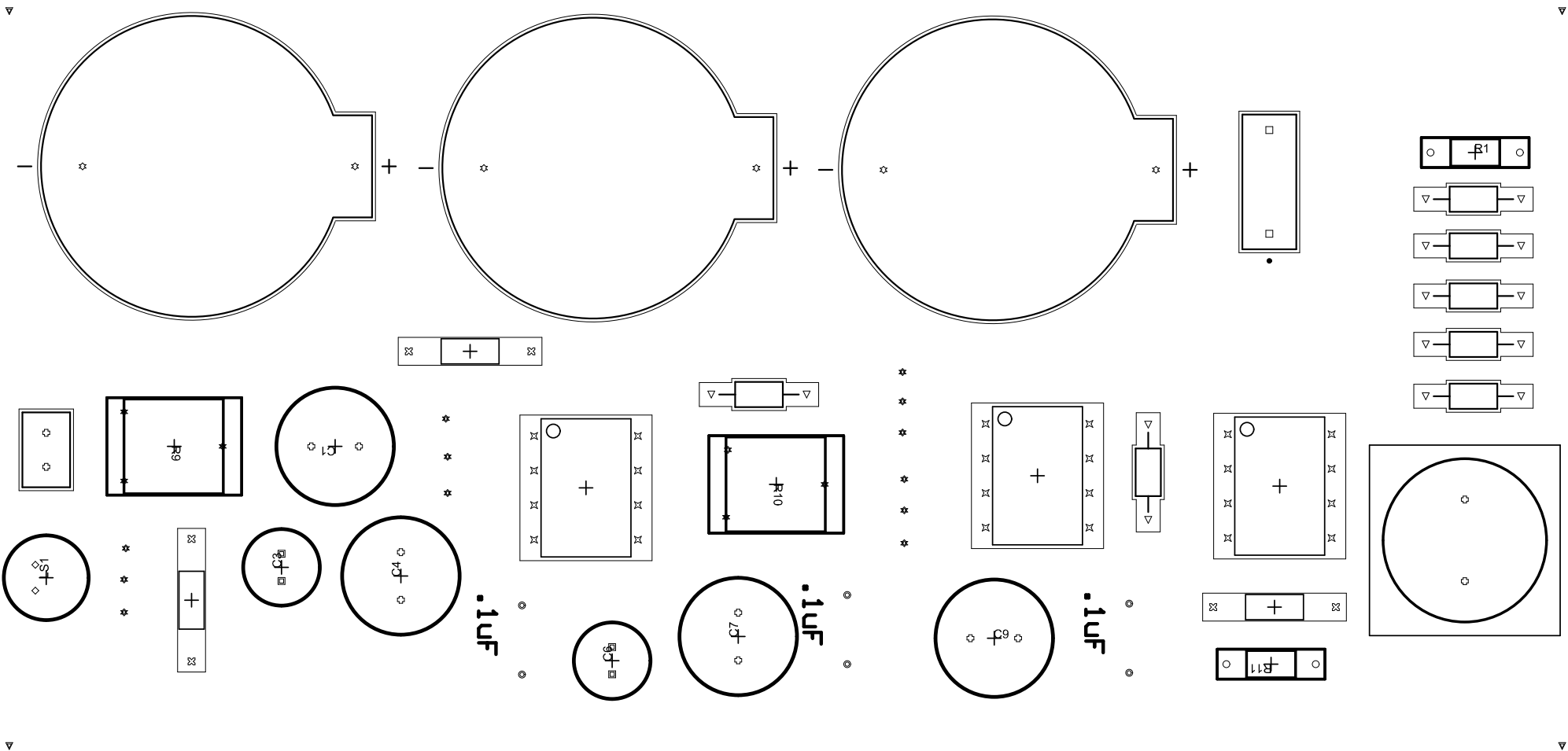


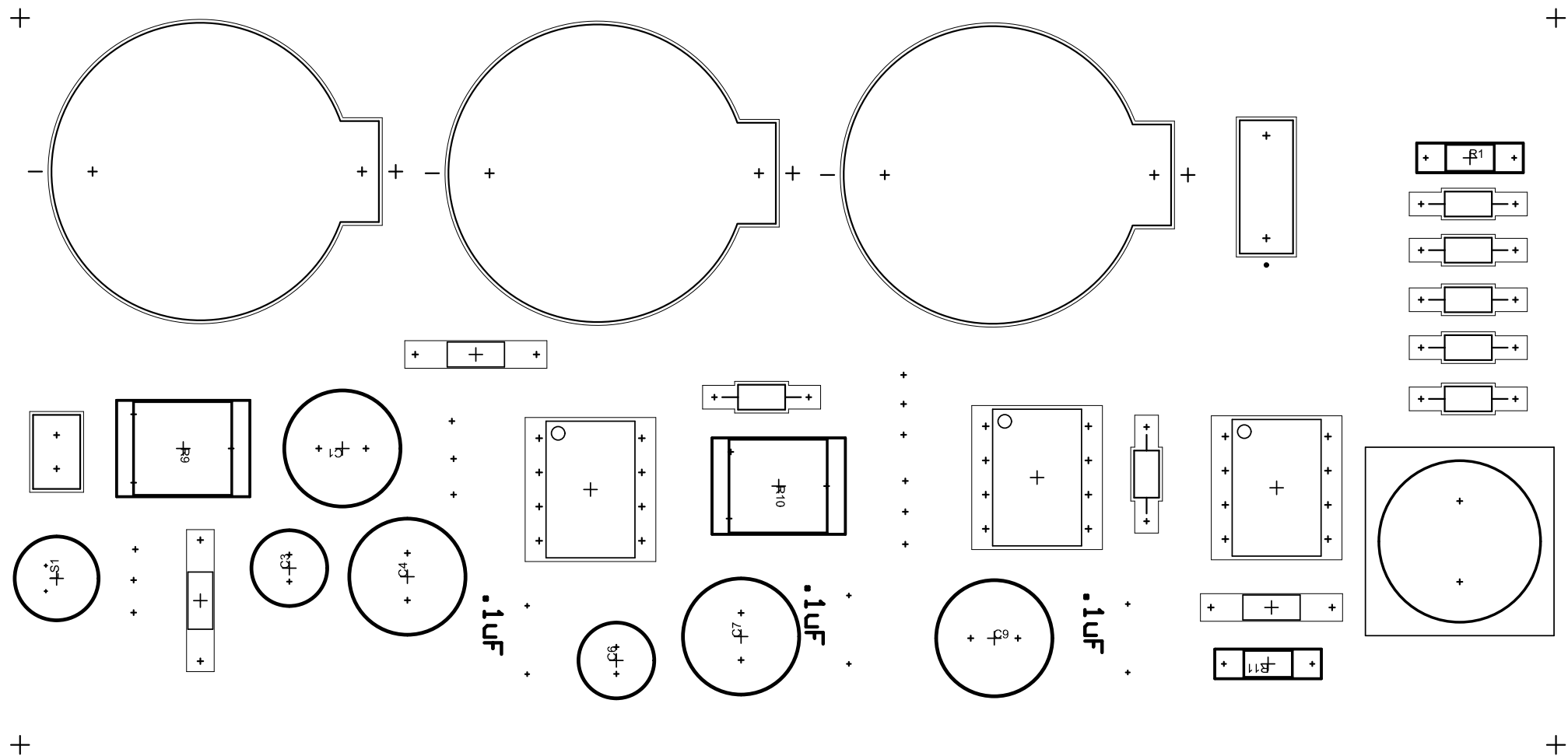












Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	BH-25C-1	Battery holder, coin, 20MM 1 CEL PC PIN Adam Tech BH-25C-1	232, BT1, BT2		Not managed		3							
	ECA-2WHG010	ECA-2WHG010 Aluminum Electrolytic Capacitor, 1 uF, 450 V, ± 20%, 2000 hours @ 105°C, Radial Leaded	C1		Unknown server		1	Panasonic	ECA-2WHG010	Volume Production	Future Electronics	8028802	0.116	0.116
	FA16X7R2A224KNU06	CAP CER 0.22UF 100V X7R RADIAL	C2		Not managed		1							
	ECA1JM100	Aluminum Electrolytic Capacitors (Radial Lead Type) 10uF ±20% 63V	C3, C6		Unknown server		2	Panasonic	ECA-1JM100	Volume Production	Newark	96K9190	0.118	0.236
	EEUFR1H101	Aluminum Electrolytic Capacitors (Radial Lead Type) 100uF ±20% 50V	C4, C7, C9		Unknown server		3	Panasonic	EEU-FR1H101	Volume Production	Newark	18AC7272	0.101	0.303
	C320C104M1U5TA	0.1µF ±20% 100V Ceramic Capacitor Z5U Radial	C5, C8, C10		Not managed		3							
	1N4148	High-speed Diode, 100 V, 450 mA, 2-Pin SOD27, RoHS	D1, D2, D3		Unknown server		3	NXP Semiconductors	1N4148	Volume Production				
	TMB12A12	Integrated Circuit	IC1		Not managed		1							
	POM-2738P-R	MIC COND ANALOG OMNI - 38DB	LS1		Unknown server		1	Projects Unlimited	POM-2738P-R	Volume Production	Digikey	668-1158-ND	2.18	2.18
	BC547B	Amplifier Transistor, NPN Silicon, 3-Pin TO-92, Bulk Box	Q1, Q2, Q3, Q4		Unknown server		4	ON Semiconductor / Fairchild	BC547B	Volume Production				
	CF18JT10K0	RES 10K OHM 1/8W 5% CF AXIAL	R1, R11		Unknown server		2	Stackpole Electronics	CF18JT10K0	Volume Production	Mouser	708-CF18JT10K0	0.1	0.2
	2-1623928-8	CFR16 5% 10K	R2		Not managed		1							
	2-1623927-3	Carbon Film Resistors - Through Hole 1K Ohm 5% 1/4W Res Carbon Film	R3		Not managed		1							
	5-1623927-8	CFR16 5% 10K	R4		Not managed		1							
	2-1623928-5	470 Ohms ±5% 0.25W, 1/4W Through Hole Resistor Axial - Carbon Film	R5, R8		Not managed		2							
	CFR16J100K	100 kOhms ±5% 0.25W, 1/4W Through Hole Resistor Axial - Carbon Film	R6		Not managed		1							
	5-1623927-0	CFR16 5% 10K	R7		Not managed		1							
	3361P-1-104GLF	TRIMMER 100K OHM 0.5W GW TOP ADJ	R9, R10		Unknown server		2	Bourns	3361P-1-104GLF	Volume Production	Mouser	652-3361P-1-104GLF	1.31	2.62
	DS01-254-L-01BE	1 Position, Through Hole, 2.54 mm Pitch, Raised Slide Actuator, Flat Bottom, Long Pin, DIP Switch	S1		Not managed		1							
	NE555P	Precision Timer, 4.5 to 16 V, 0 to 70 degC, 8-Pin DIP, Pb-Free, Tube	U1, U2, U3		Unknown server		3	Texas Instruments	NE555P	Volume Production	Mouser	595-NE555P	0.34	1.02