

A

B

C

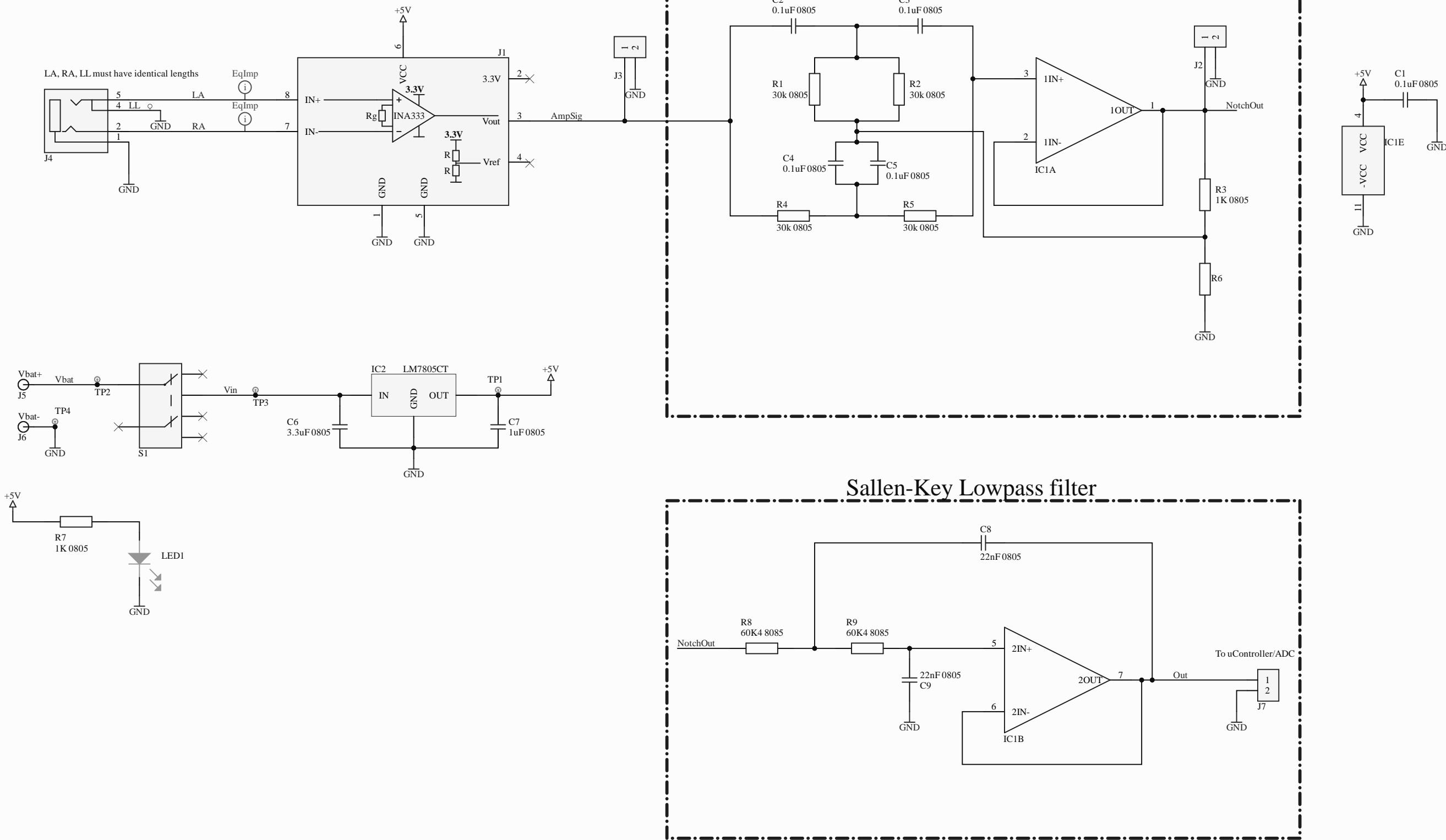
D

A

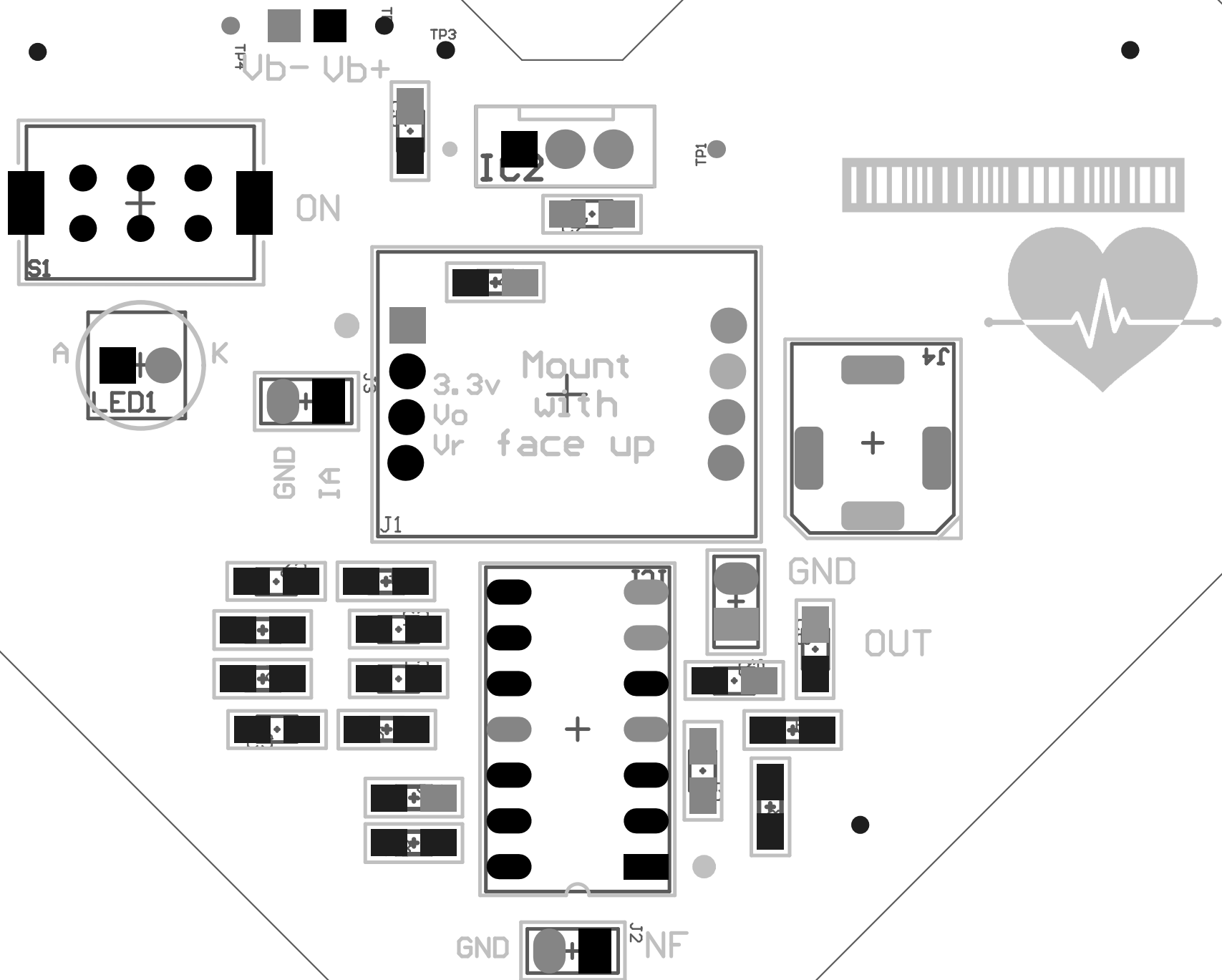
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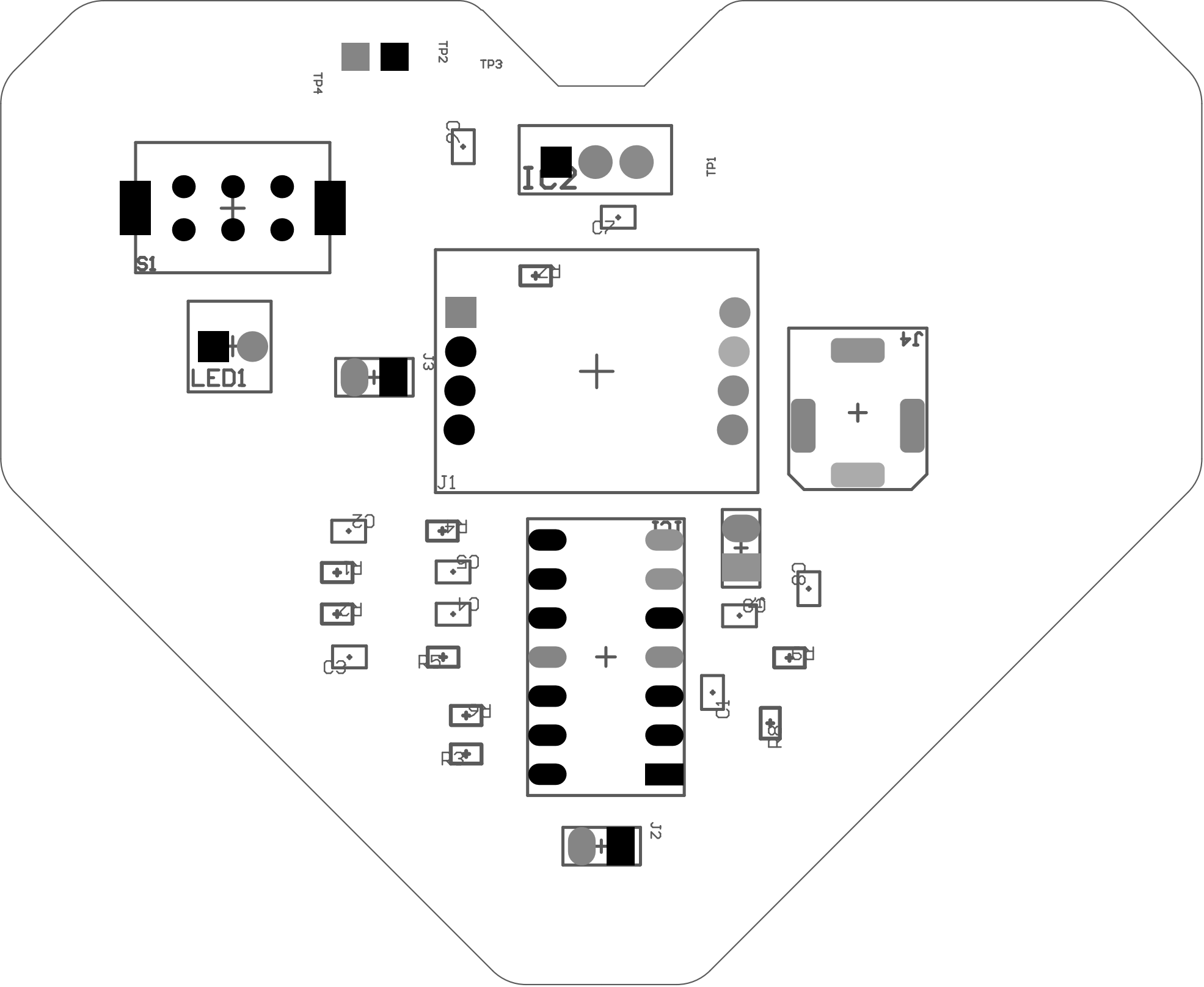
C

D



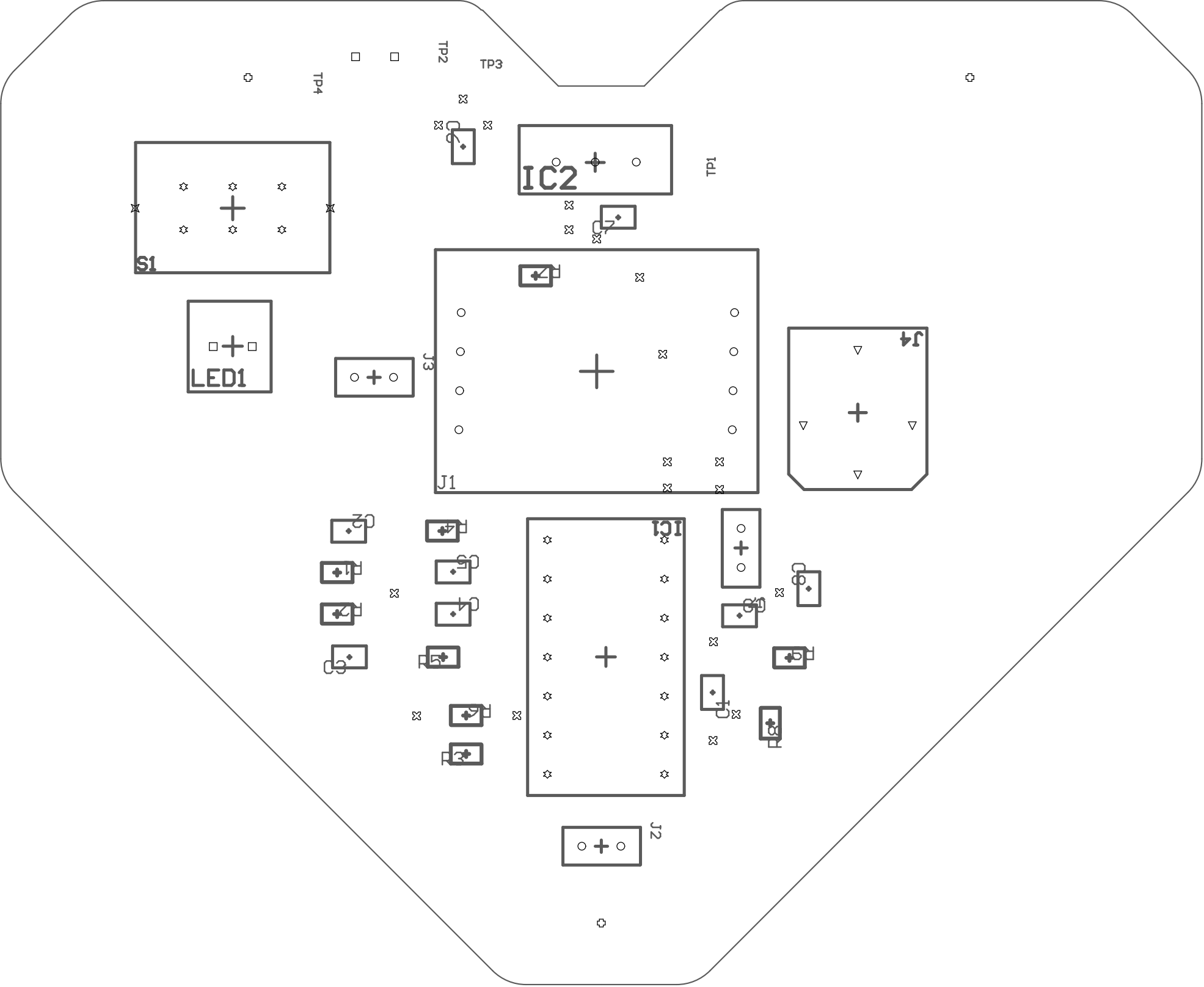
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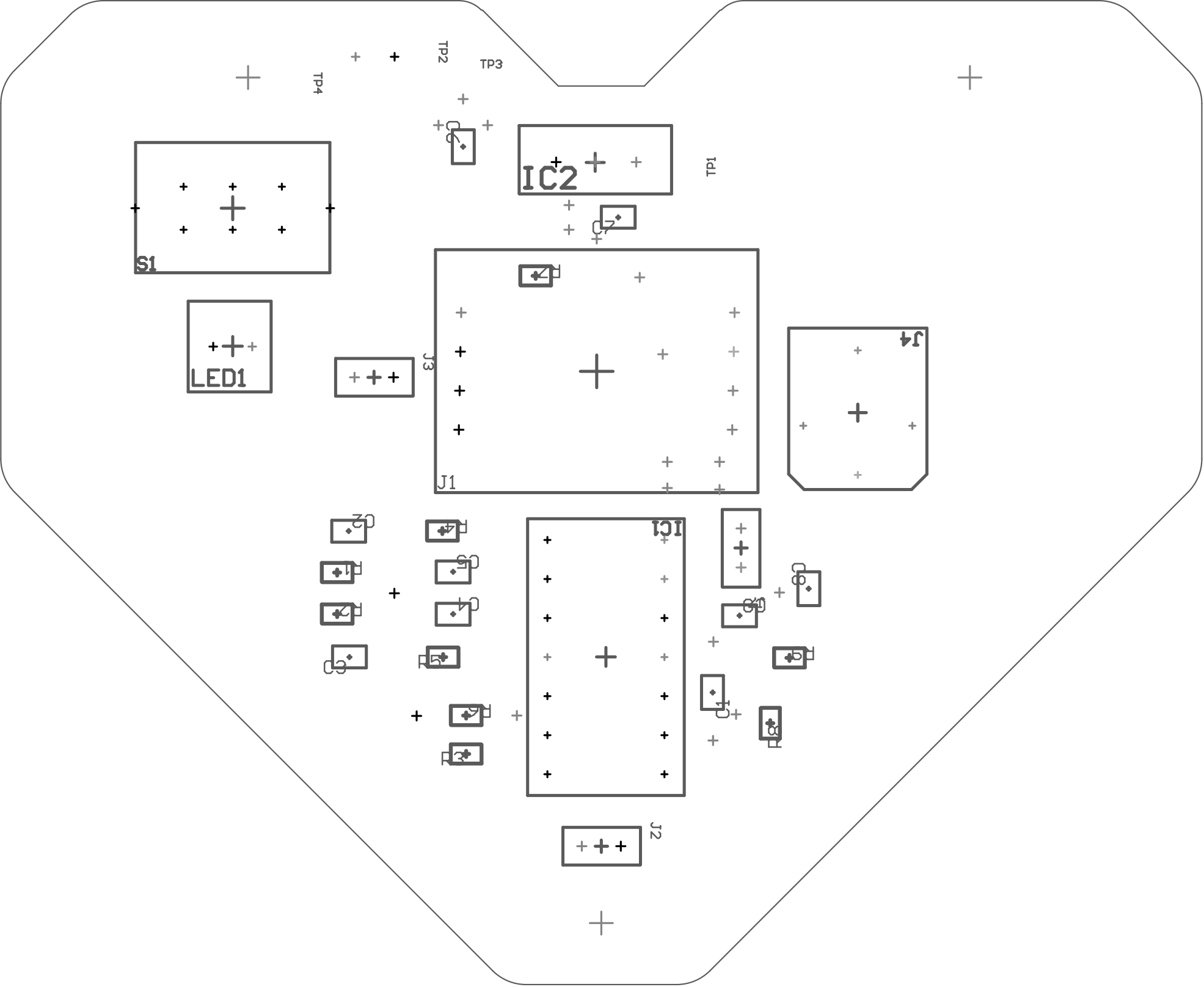


## Board Stack Report

Stack Up		Layer Stack			
Layer	Board Layer Stack	Name	Material	Thickness	Constant
1		Top Overlay		0mil	
2		Top Solder	Solder Resist	0.394mil	3.5
3		Top Layer	CF-005	2.756mil	
4		Dielectric2	FR-4	56.693mil	4.8
5		Bottom Layer	CF-005	2.756mil	
6		Board Layer Stack Bottom Solder	Solder Resist	0.394mil	3.5
7		Board Layer Stack Bottom Overlay		0mil	
	Height : 62.992mil				









Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	0.1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%-Tol, X7R, 15%TC, 0.1uF, Surface Mount, 0805	C1, C2, C3, C4, C5	5							
	1K0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 1000ohm, 150V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0805	R3, R7	2							
	1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 25V, 10%+Tol, 10%-Tol, X7R, 15%TC, 1uF, Surface Mount, 0805	C7	1							
	3.3uF0805	Ceramic Capacitor, Multilayer, Ceramic, 10V, 10%+Tol, 10%-Tol, X5R, 15%TC, 3.3uF, Surface Mount, 0805	C6	1							
	19K1	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 19100ohm, 150V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0805	R6	1							
	22nF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%-Tol, X7R, 15%TC, 0.022uF, Surface Mount, 0805	C8, C9	2							
	30k0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 30000ohm, 150V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0805	R1, R2, R4, R5	4							
	60K4 8085	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 60400ohm, 150V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0805	R8, R9	2							
	961102-6404-AR-HDR2-SIL	Pin Strip Header 2PIN SIL	J2, J3, J7	3							
	FC681374V	DC Power Plug or Jack, Contact Resistance: 30m max. W/ Insulation Resistance: 100M min., at DC 500V/V Dielectric Withstand Voltage: AC 500V for 1 minute	J4	1							
	Green LED	5mm Green LED	LED1	1							
	LM324N	Operational Amplifier, 4 Func, 9000uV Offset-Max, BiPolar, PDIP14	IC1	1							
	LM7805CT	Fixed Positive Standard Regulator, 5V,BiPolar, PSFM3	IC2	1							
	SS22F03-G6	Slide switch DPDT 0.5A/50V	S1	1							

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%- Tol, X7R, 15%TC, 0.1uF, Surface Mount, 0805	C1, C2, C3, C4, C5	C0805 - XL	0.1uF 0805B104K500CT	5
3.3uF0805	Ceramic Capacitor, Multilayer, Ceramic, 10V, 10%+Tol, 10%- Tol, X5R, 15%TC, 3.3uF, Surface Mount, 0805	C6	C0805 - XL	3.3uF 0805X335K100CT	1
1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 25V, 10%+Tol, 10%- Tol, X7R, 15%TC, 1uF, Surface Mount, 0805	C7	C0805 - XL	1uF0805B105K250CT	1
22nF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%- Tol, X7R, 15%TC, 0.022uF, Surface Mount, 0805	C8, C9	C0805 - XL	22nF 0805B223K500CT	2
LM324N	Operational Amplifier, 4 Func, 9000uV Offset- Max, BIPolar, PDIP14	IC1	DIP14 - socket	LM324N-Socketed	1
LM7805CT	Fixed Positive Standard Regulator, 5VBIPolar, PSFM3	IC2	TO-220-3	LM7805CT/NOPB	1
961102-6404-AR- HDR2-SIL	Pin Strip Header 2PIN SIL	J2, J3, J7	HDR1X2-961102-6404- AR	HDR2x1-961102-6404- AR	3
FC681374V	DC Power Plug or Jack. Contact Resistance: 30m max. W Insulation Resistance: 100Mmin. at DC500V W Dielectric Withstand Voltage: AC500V for 1 minute	J4	FC681374V	FC681374V	1
Green LED	5mm Green LED	LED1	LED5mm THT	LED G	1
30k0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 30000ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R1, R2, R4, R5	R0805 - XL	R30KERJ-6BNF3002V	4
1K0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 1000ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R3, R7	R0805 - XL	R1K- RCA08051K00FKEA	2
19K1	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 19100ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R6	R0805 - XL	R19K1 ERJ- 6BNF1912V	1
60K4 8085	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 60400ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R8, R9	R0805 - XL	R60K4 ERJ- 6BNF6042V	2
SS22F03-G6	Slide switch DPDT 0.5A/50V	S1	SWDPDT-S22F03-G6	SW-SS22F03-G6	1

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%- Tol, X7R, 15%TC, 0.1uF, Surface Mount, 0805	C1, C2, C3, C4, C5	C0805 - XL	0.1uF 0805B104K500CT	5
3.3uF0805	Ceramic Capacitor, Multilayer, Ceramic, 10V, 10%+Tol, 10%- Tol, X5R, 15%TC, 3.3uF, Surface Mount, 0805	C6	C0805 - XL	3.3uF 0805X335K100CT	1
1uF0805	Ceramic Capacitor, Multilayer, Ceramic, 25V, 10%+Tol, 10%- Tol, X7R, 15%TC, 1uF, Surface Mount, 0805	C7	C0805 - XL	1uF0805B105K250CT	1
22nF0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10%+Tol, 10%- Tol, X7R, 15%TC, 0.022uF, Surface Mount, 0805	C8, C9	C0805 - XL	22nF 0805B223K500CT	2
LM324N	Operational Amplifier, 4 Func, 9000uV Offset- Max, BIPolar, PDIP14	IC1	DIP14 - socket	LM324N-Socketed	1
LM7805CT	Fixed Positive Standard Regulator, 5VBIPolar, PSFM3	IC2	TO-220-3	LM7805CT/NOPB	1
961102-6404-AR- HDR2-SIL	Pin Strip Header 2PIN SIL	J2, J3, J7	HDR1X2-961102-6404- AR	HDR2x1-961102-6404- AR	3
FC681374V	DC Power Plug or Jack. Contact Resistance: 30m max. W Insulation Resistance: 100Mmin. at DC500V W Dielectric Withstand Voltage: AC500V for 1 minute	J4	FC681374V	FC681374V	1
Green LED	5mm Green LED	LED1	LED5mm THT	LED G	1
30k0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 30000ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R1, R2, R4, R5	R0805 - XL	R30KERJ-6BNF3002V	4
1K0805	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 1000ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R3, R7	R0805 - XL	R1K- RCA08051K00FKEA	2
19K1	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 19100ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R6	R0805 - XL	R19K1 ERJ- 6BNF1912V	1
60K4 8085	Fixed Resistor, Metal Glaze/thick Film, 0.125W, 60400ohm, 150V, 1%+-Tol, 100ppm/Cel, Surface Mount, 0805	R8, R9	R0805 - XL	R60K4 ERJ- 6BNF6042V	2
SS22F03-G6	Slide switch DPDT 0.5A/50V	S1	SWDPDT-SS22F03-G6	SW-SS22F03-G6	1