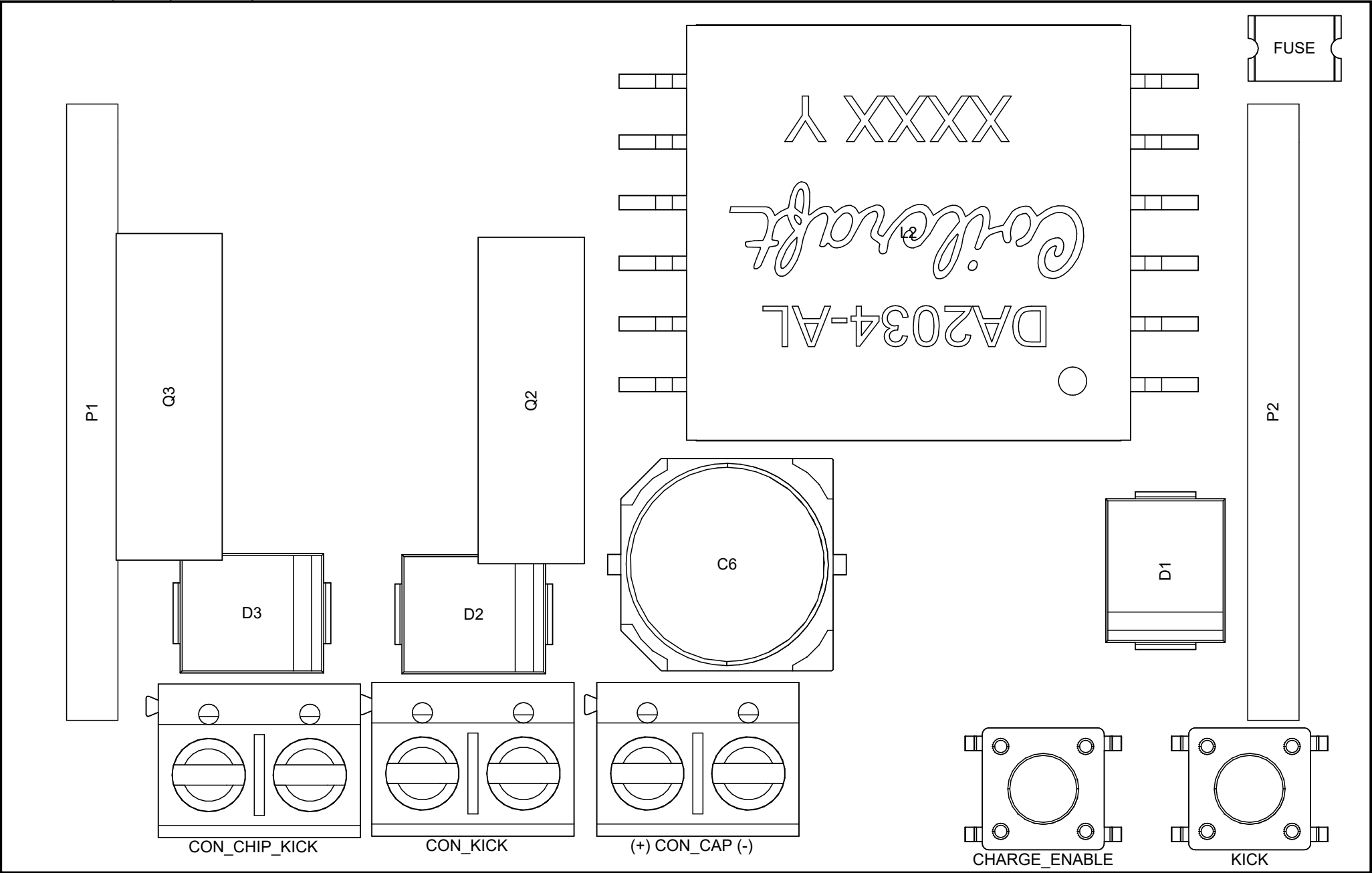


View from Top side (Scale 4:1)



Bill Of Materials

Line #	Designator	Comment	Quant ity	Footprint
8	D1, D2, D3	ES3J	3	Diode
19	Q2, Q3	IGW50N65H5	2	INF-PG- TO247-3-44
17	P1, P2	Header 12	2	HDR1X12
6	CHARGE_ENABLE, KICK	SW-SPST	2	TACTILE SWITCH
7	CON_CHIP_KICK, CON_KICK	OSTTA024163	2	Term Block 2P
4	C6	22uF	1	CAP ALUM 22UF 250V
11	FUSE	MF- MSMF250/16X-2	1	MF- MSMF250/16X- PCB
14	L2	DA2034 Transformer	1	DA2034 Transformer

Bill Of Materials

Line #	Designator	Comment	Quantity	Footprint
1	C1, C2, C3	10uF	3	CAPC0603 (1608)55_L
2	C4	100pF	1	CAPC0603 (1608)55_L
3	C5, C7, C9	100uF	3	7343-CAPPOL
5	C8	180pF	1	0805-CAP
9	D4	PMEG3050EP,115	1	PCBComponent
10	D5, D6	BAS40 Diode	2	DIODE SOD-523
12	IR4427	GATE DRIVER	1	IR4427
13	L1	100uH	1	INDUCTOR
15	LT3750	Flyback Regulator	1	LT3750
16	MC34063	Switching Voltage Regulator	1	DIP-8
18	Q1	CSD18540Q5BT	1	PCBComponent
20	R1	100K	1	0402-RES-HD
21	R2	33K	1	0402-RES-HD
22	R3	42K2	1	0402-RES-HD
23	R4	2K2	1	0402-RES-HD
24	R5	15m	1	RES1206
25	R6, R7	10R	2	0402-RES-HD
26	R8	1R	1	0805-RES
27	R9	160R	1	0805-RES
28	R10, R12	1K	2	0402-RES-HD
29	R11	11K1	1	0402-RES-HD

View from Bottom side (Scale 4:1)

