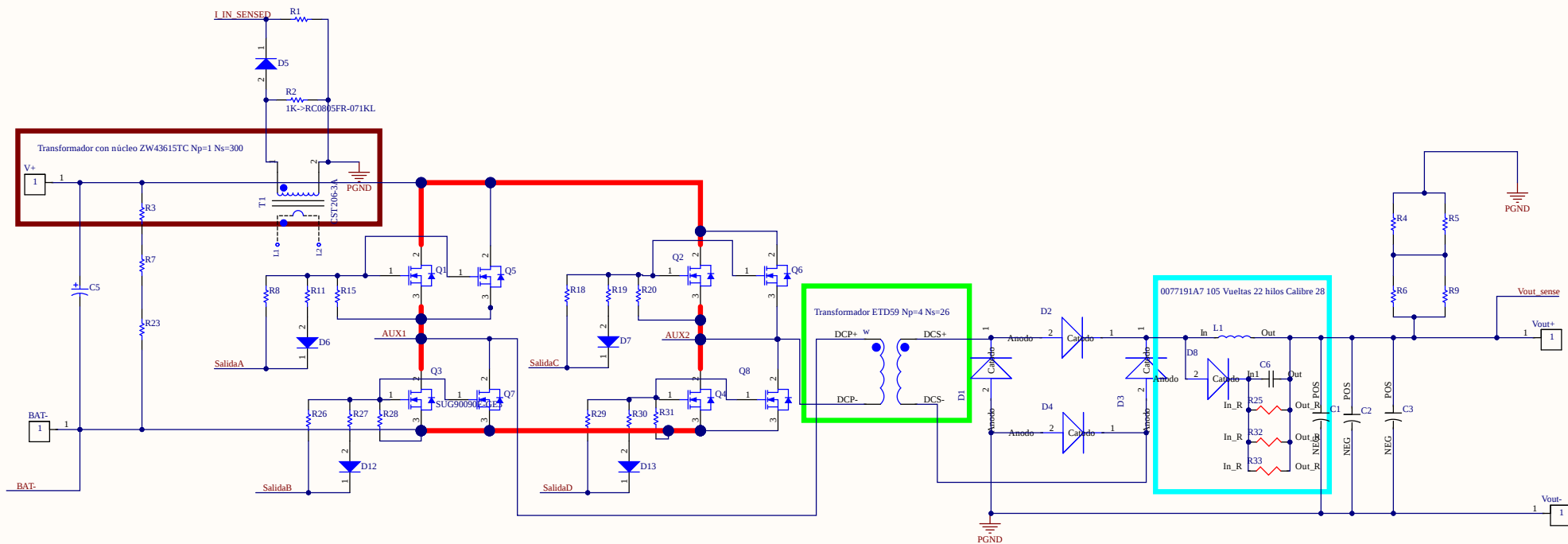
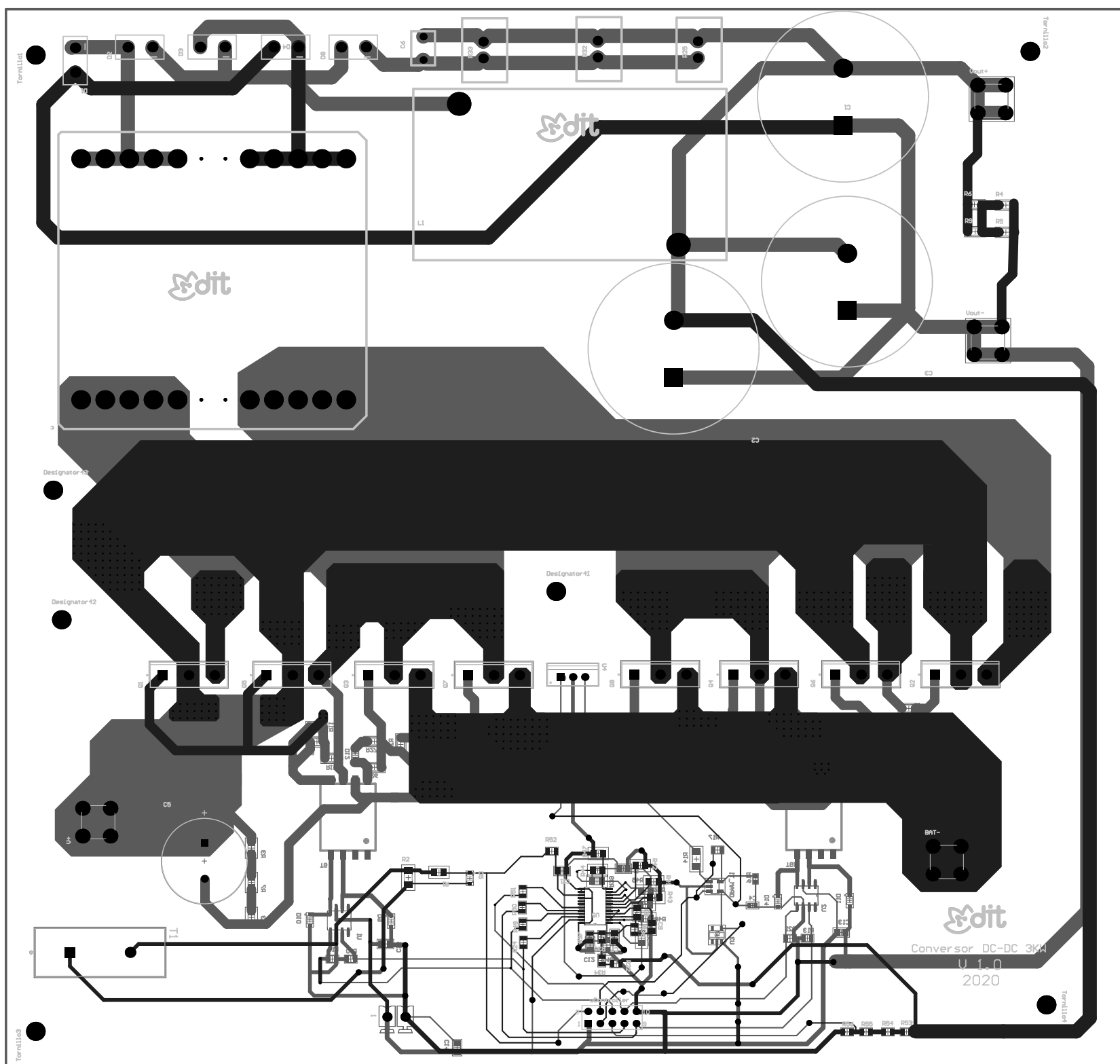




Comment	Description	Designator	Footprint	LibRef	Quantity
1803578	Plug, Terminal Block, 8A, 160 V, 3.81 mm, 2, Screw, 2.5 kV, 160 V, Polyamide	1	*PHOENIX_1803578	1803578	1
7460719	BAT-, V+, Vout-, Vout+		*TE_1-1337460-0	Component_1	4
680uF		C1, C2, C3	PCBComponent_1	Component_1	3
100uF		C4	CAP160890X035N10T15	CMP-2006-07782-1	1
330uF, ~UV2C2331MFD	Aluminum Electrolytic Capacitor, 330 uF, +/- 20%, 100 V, -40 to 105 degC, 2-Pin THD, RoHS, Bulk	C5	CAPPR80-750-2000X1800X2200	CMP-2000-07350-1	1
22uF		C6	PCBComponent_1	Component_1	1
470pf	CAP 100V 100V 45% 0805 (2012 Metric) Thickness 1.45mm SMD	C8	CAPC0805(2012)145_N	CMP-1036-04427-1	1
13pf	CAP 100V 100V 45% 0805 (2012 Metric) Thickness 1.45mm SMD	C9	CAPC0805(2012)145_N	CMP-1036-04427-1	1
1uF	CAP 100V 100V 45% 0805 (2012 Metric) Thickness 1.45mm SMD	C10, C13, C14, C15	CAPC0805(2012)145_N	CMP-1036-04427-1	4
22uF	CAP 100V 100V 45% 0805 (2012 Metric) Thickness 1.45mm SMD	C11	CAPC0805(2012)145_N	CMP-1036-04427-1	1
150uF	CAP 100V 100V 45% 0805 (2012 Metric) Thickness 1.45mm SMD	C12	CAPC0805(2012)145_N	CMP-1036-04427-1	1
V1-E5TH0012-N3		D1, D2, D3, D4, D8	diodeoptotenza	Component_1	5
ES1FL RVG	Schottky Barrier Diode, 2-Pin SOD-323, Pb-Free, Tape and Reel	D5, D6, D10, D11, D14	ONS5-SOD-323-2-477-02_V	CMP-1055-00462-1	5
MM0L914-TP	Schottky Barrier Diode, 2-Pin SOD-323, Pb-Free, Tape and Reel	D6, D7, D12, D13	ONS5-SOD-323-2-477-02_V	CMP-1055-00462-1	4
650 uH		L1	PCBComponent_1	Component_1	1
Component_1		OPAM T1	*SOT95P280X145-SN	Component_1	1
SUG0090E-GE3	N-Channel CoolMOS(TM) P6 Power Transistor, 800 V VDS, -55 to 150 degC, PG-TQ247-3, Tube, Green	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	INF-PG-TQ247-3-44_A	CMP-1154-00269-1	8
110ohm		R1	RES2013X50X30ML20T20	CMP-2001-03735-1	1
-ESR18E2F11R0		R2	RES3216X105X45ML10T20	CMP-2003-04857-1	1
1K->RC0805FR-071KL		R3, R7, R23	RES2013X50X30ML20T20	CMP-2003-03735-1	3
1M->RC0805FR-071ML		R4, R5, R6, R9	RES3216X70X50NL05T20	CMP-2003-00020-1	4
100kohm		R8, R18, R26, R29	RES3216X70X50NL05T20	CMP-2003-00020-1	4
220HM		R10, R12, R13, R21	RES2013X50X30L120T20	CMP-2001-04896-1	4
-CRGP120F22R		R11, R19, R27, R30	RES3216X70X50NL05T20	CMP-2003-00020-1	4
10KOHM-RES-2P881100V		R14	RES3216X68X45ML10T20	CMP-2003-04801-1	1
4.7 OHM		R15, R20, R28, R31	RES3216X70X50NL05T20	CMP-2003-00020-1	4
-ESR18E3PF4R70		R16	RES2013X50X30L110T20	CMP-2000-03805-1	1
1.8k		R17	RES2013X50X30L120T20	CMP-2001-04896-1	1
10kohm		R22, R34, R35	RES2013X50X30L120T20	CMP-2001-04896-1	3
10k		R24, R49, R50, R51	RES2013X50X30L120T20	CMP-2001-04896-1	4
3u3W		R25, R32, R33	PCBComponent_1	Component_1	3
10k		R36	RES2013X50X30L120T20	CMP-2001-04896-1	1
3.9k		R37	RES2013X50X30L120T20	CMP-2001-04896-1	1
2.2kohm		R38, R40	RES2013X50X30ML20T20	CMP-2001-03735-1	2
56kohm		R39	RES2013X50X30ML20T20	CMP-2001-03735-1	1
18kohm		R41, R42, R43	RES2013X50X30ML20T20	CMP-2001-03735-1	3
20k		R44	RES2013X50X30ML20T20	CMP-2001-03735-1	1
127K		R45	RES2013X50X30ML20T20	CMP-2001-03735-1	1
13kohm		R46	RES2013X50X30ML20T20	CMP-2001-03735-1	1
1k		R47	RES2013X50X30ML20T20	CMP-2001-03735-1	1
825k		R48	RES2013X50X30ML20T20	CMP-2001-03735-1	1
1K OHM		R52	RES2013X50X30L120T20	CMP-2001-04896-1	1
1M3HM		R53, R54, R55	RES2013X50X30L120T20	CMP-2001-04896-1	3
22kOHM		R56	RES2013X50X30L120T20	CMP-2001-04896-1	1
CST206-3A	Transformer, Current Sense, Ind 130mH, Cur/DIA PCB, UCR 12.4 Ohms	T1	*XFMR_CST206-3A	CST206-3A	1
TG		TG, TG1	PCBComponent_1	TG	2
UCC2732ADR	Low-Side Gate Driver IC Non-Inverting B-SOIC	U1, U2	*SOIC127P600X175-IN	UCC2732ADR	2
APT370-50WR-7	Single Output LDO, 100 mA, Fixed 3.3 V Output, 2.7 to 10V Input, with Low IQ, 5-pin SOT-23 (06V), -40 to 125 degC, Green (RoHS & no Sb/Br)	U3	DBV0005A_N	CMP-0384-05641-2	1
LM5077/NOB	Precision Centigrade Temperature Sensor, 5-pin TO-220, Pb-Free	U4	NEB0003A	CMP-0056-03346-3	1
UCC28950PWR	Full-Bridge Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 24-TSSOP	U5	*SOP6P64DX120-24V	UCC28950PWR	1
Header 5X2	Header, 5-Pin, Dual row	uController	HDR2X5	Header 5x2	1
ETD-59		hw	PCBComponent_1	COMPONENT_1	1