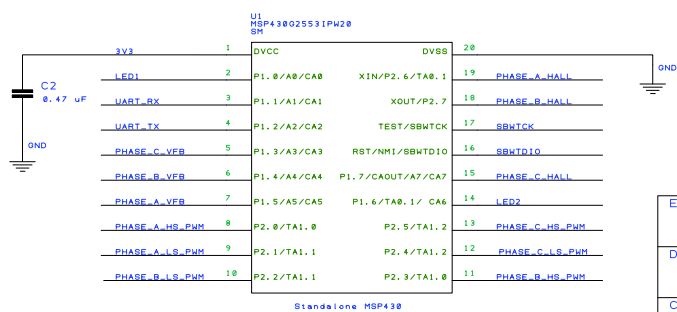
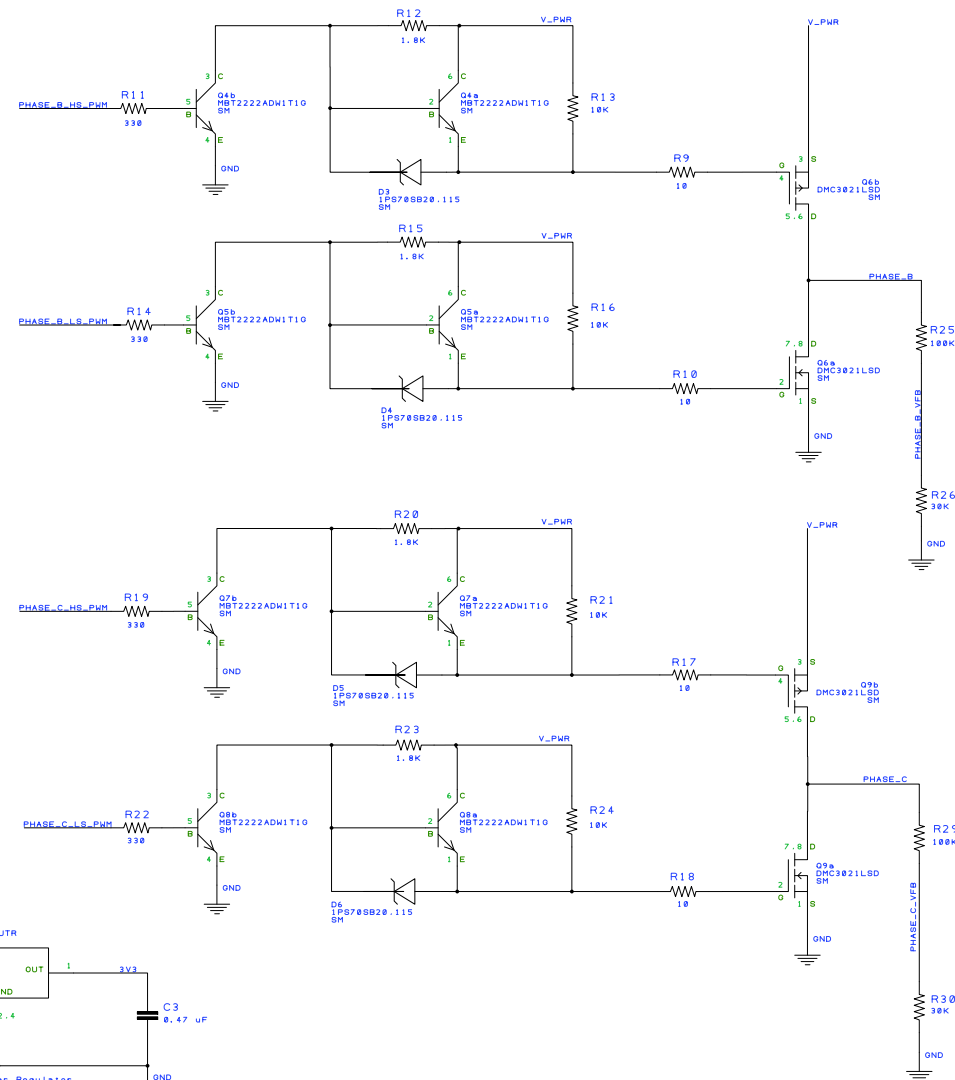
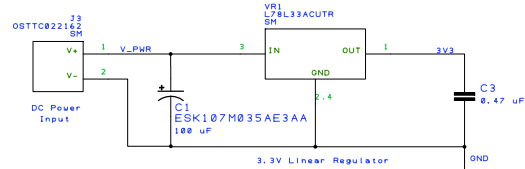
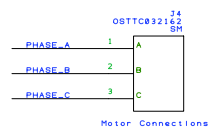
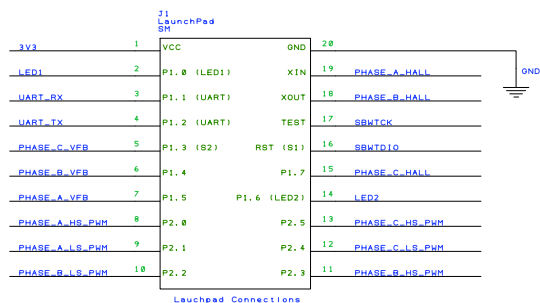
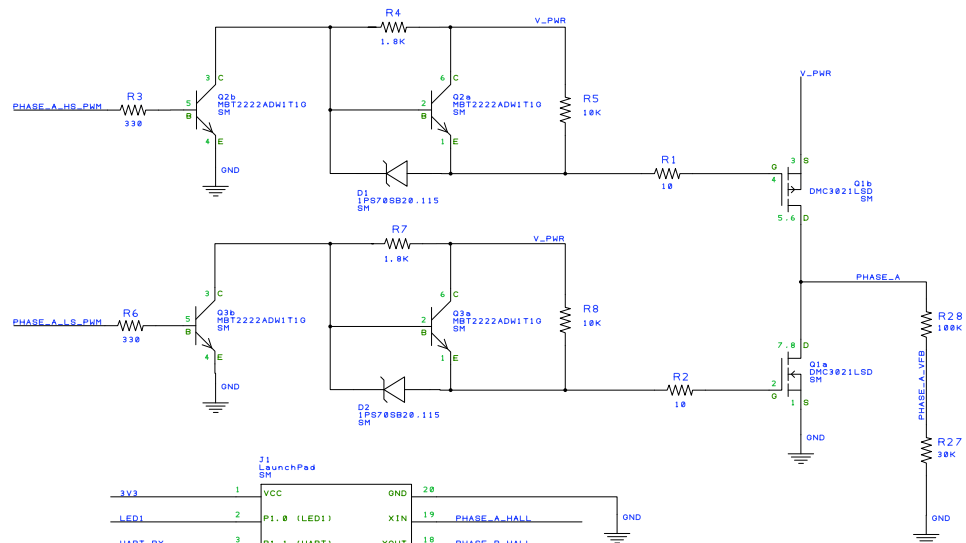

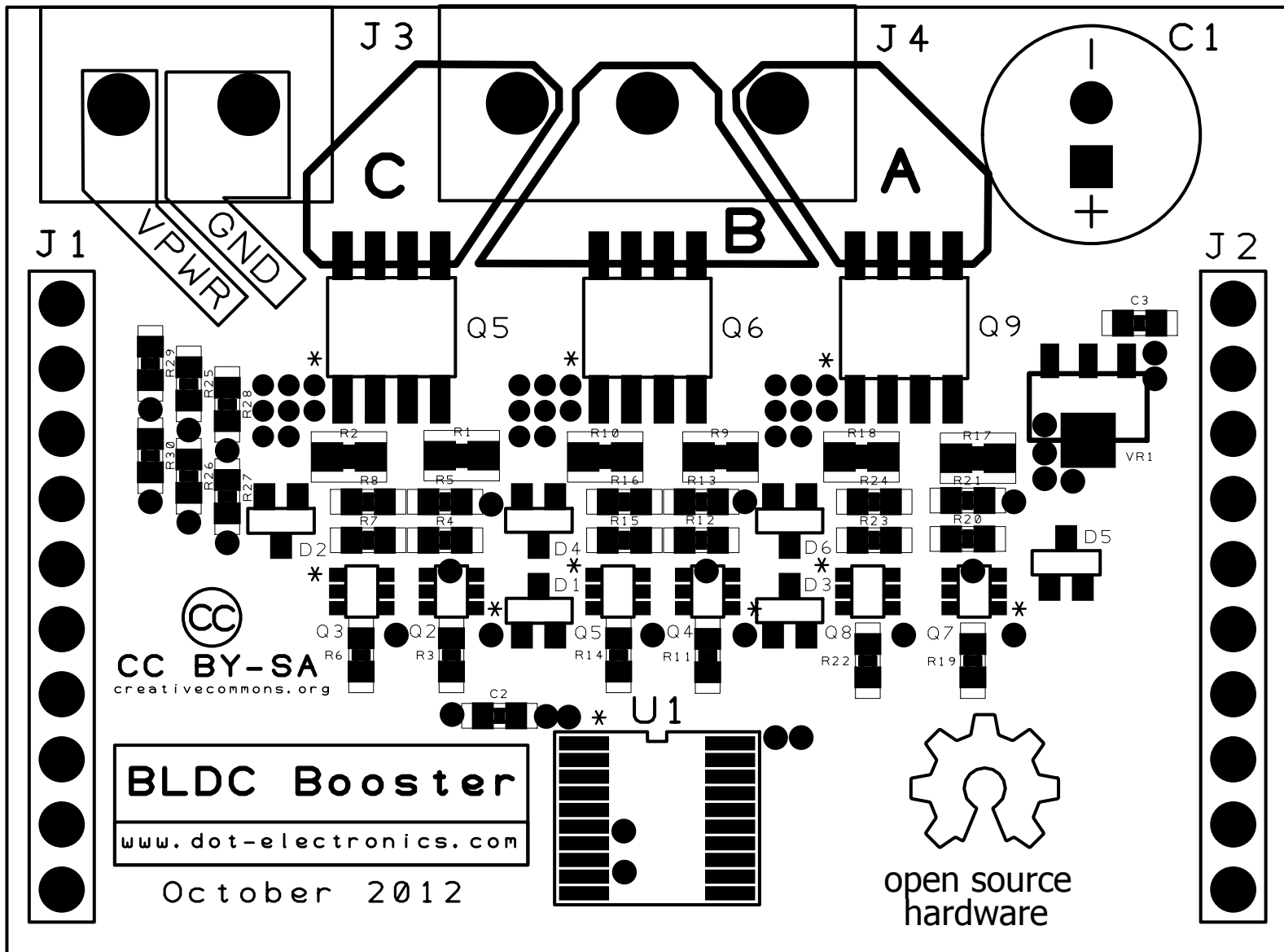


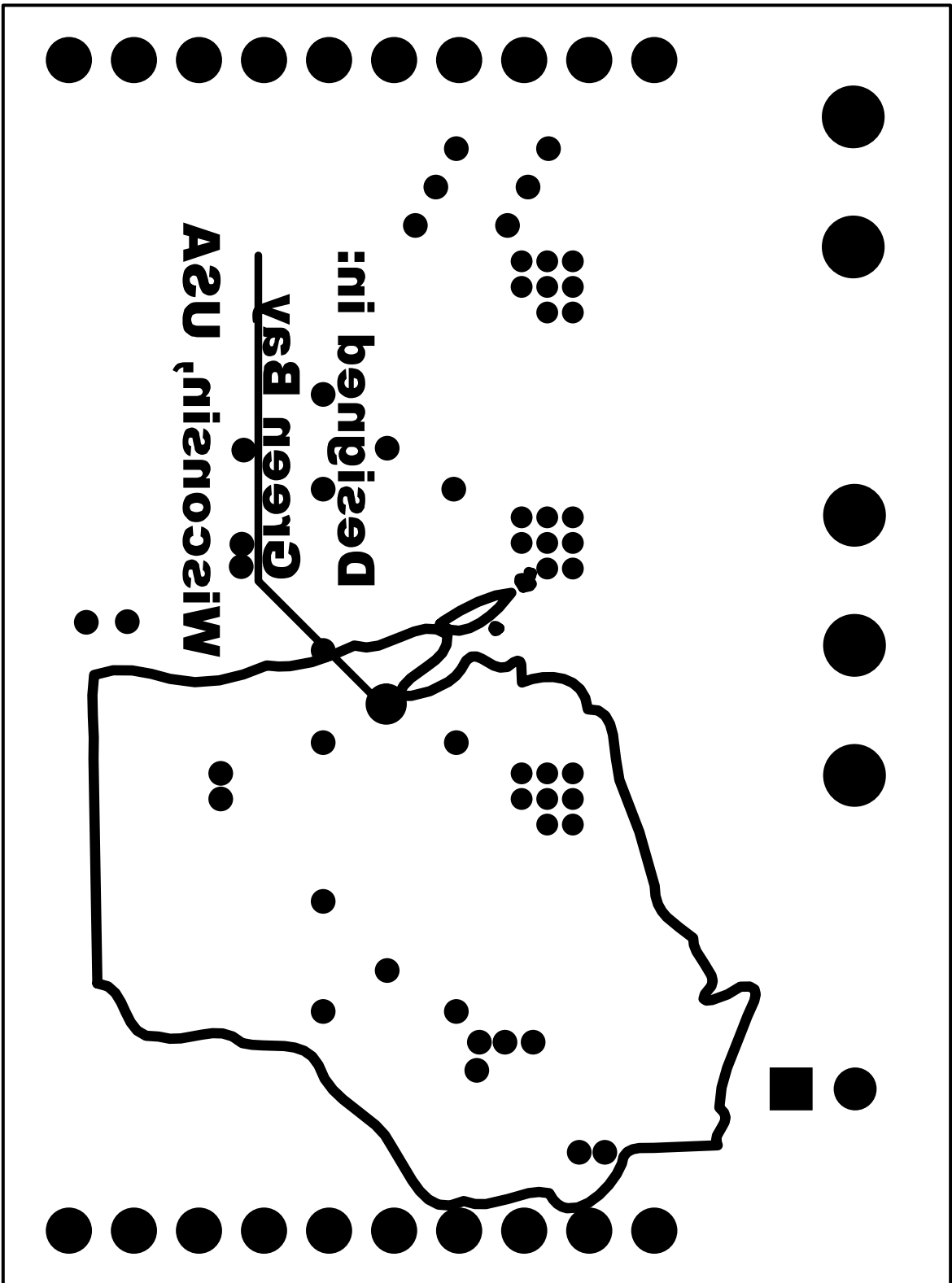
BLDC Booster

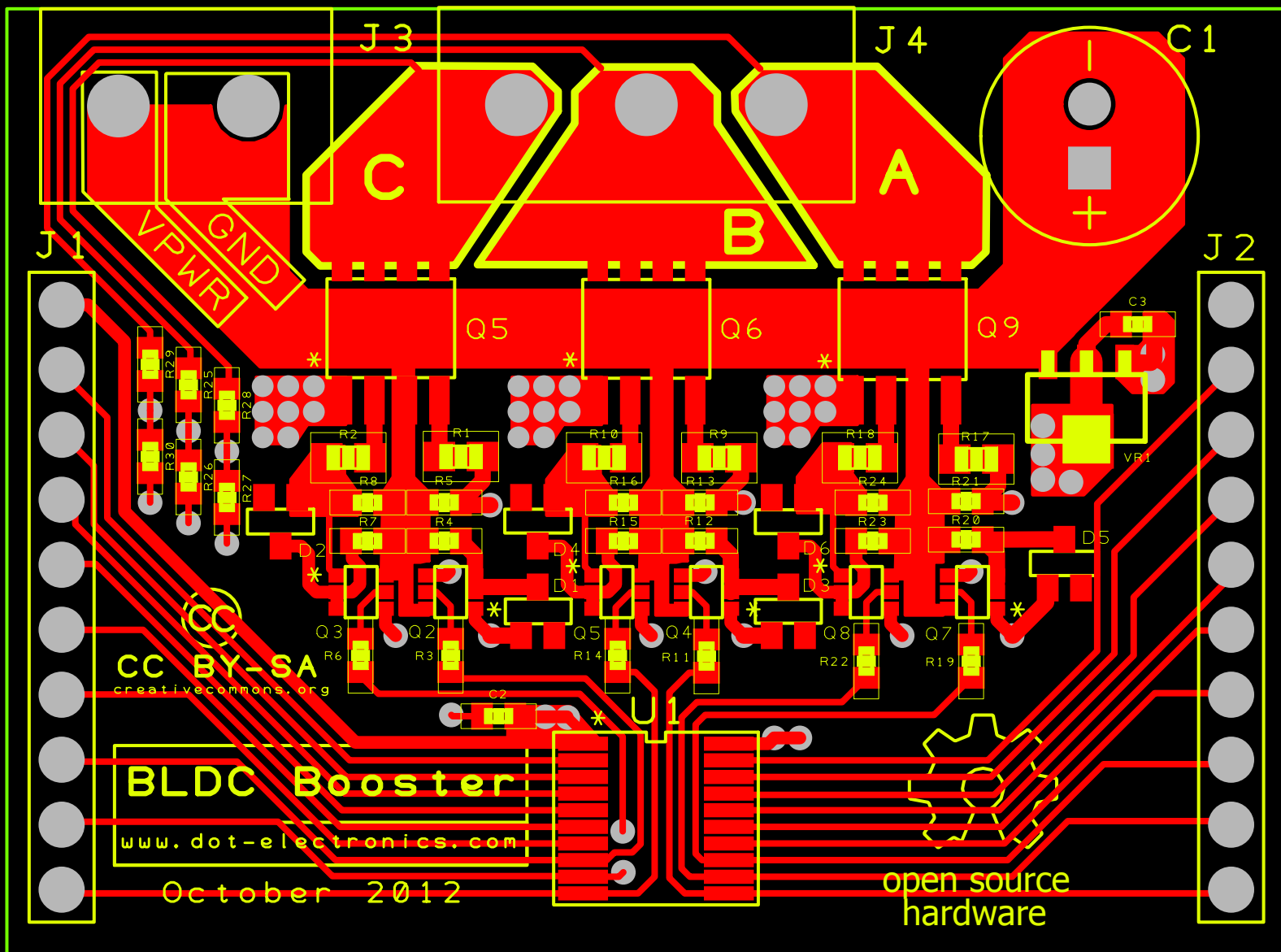
www.dot-electronics.com

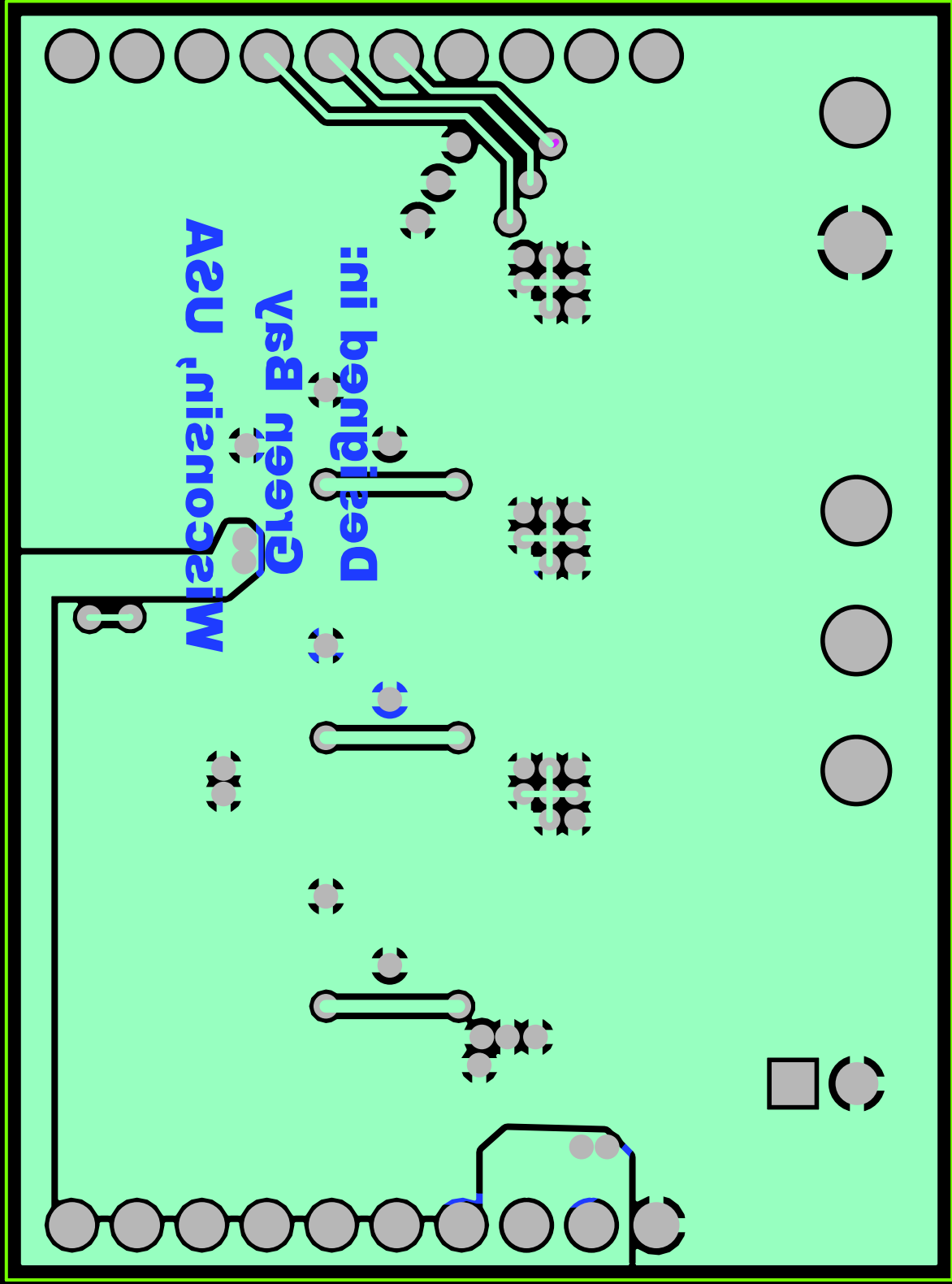


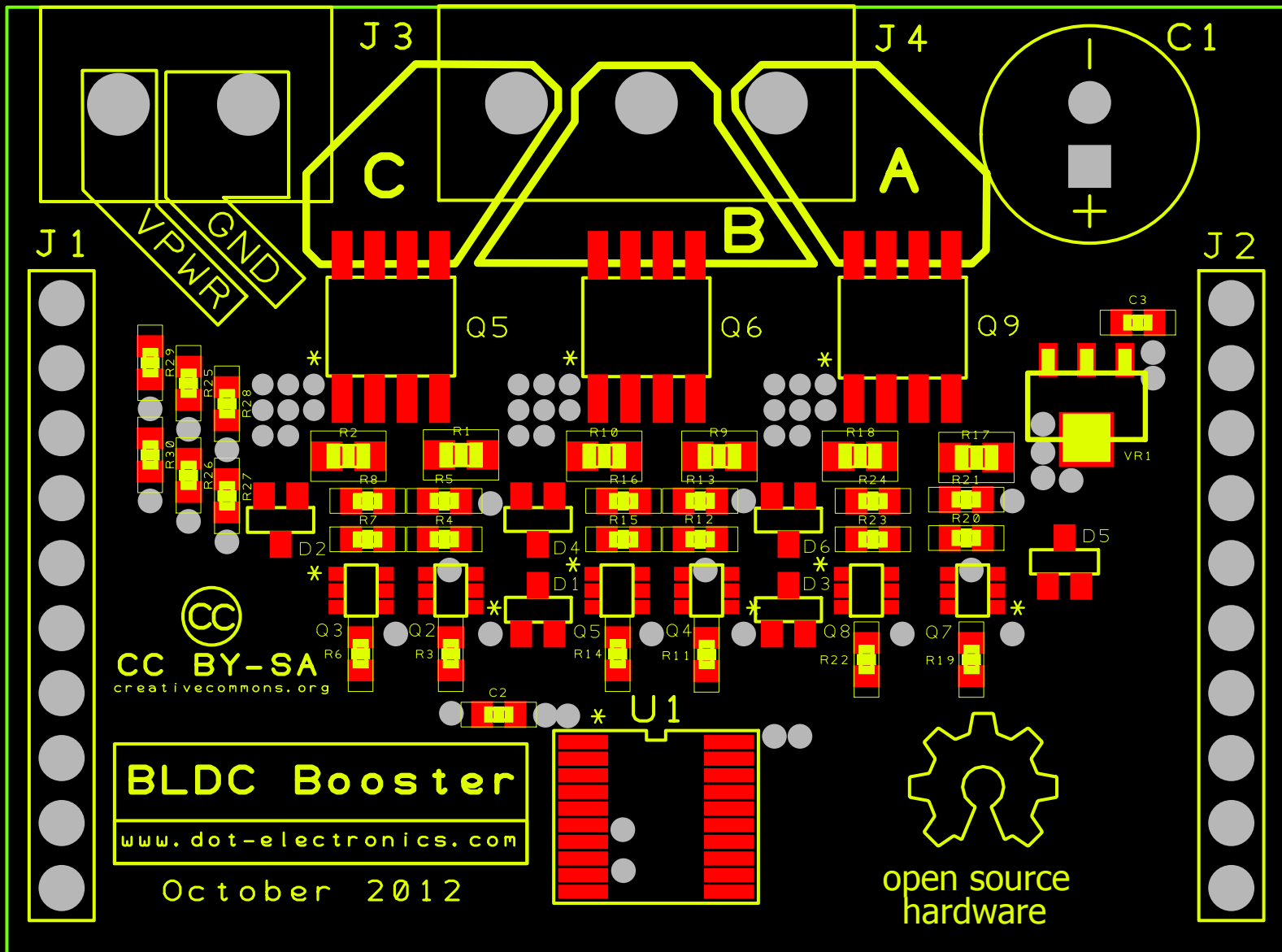
E	D	C	B	A	Drawn	Check	Projection Do Not Scale				
Drn	Drn	Drn	Drn	Project BLDC Booster		Client www.dot-electronics.com					
Chk	Chk	Chk	Chk	Title Schematic		Filename blcdc_booster.sch		Drawing No.		Sheet 1 of 1	



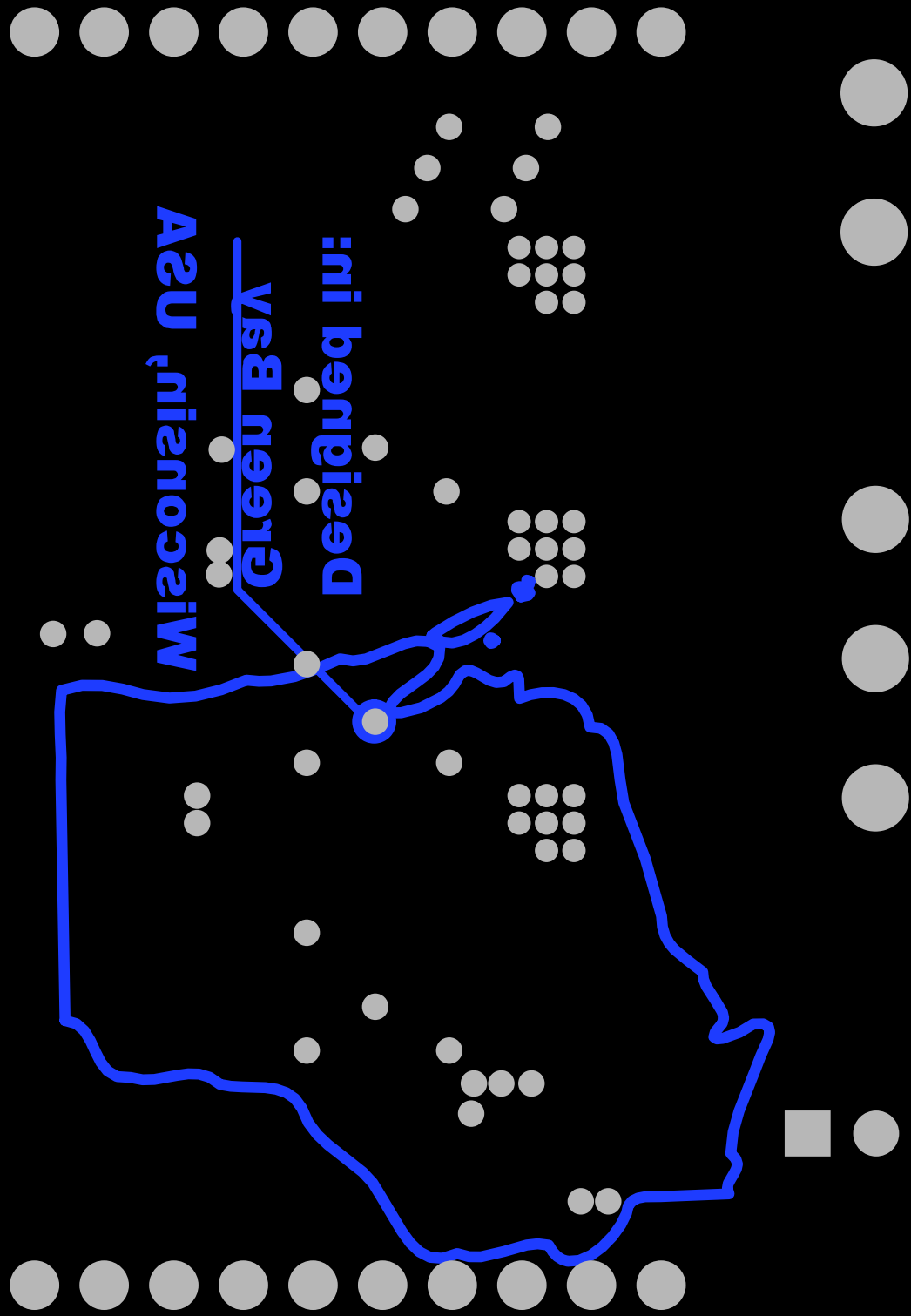








Designed in:
Green Bay
Wisconsin, USA



Component	Description	Qty	Mfr	MPN	Ref Des
1PS70SB20,115	Schottkey Diode	6	NXP	1PS70SB20,115	D1,D2,D3,D4,D5,D6
CAP 0402 0.47uF	Ceramic Capacitor	2	TDK	C1005X5R1E474K	C2,C3
DMC3021LSD	Complimentry MOSFET SO8	3	Diodes Inc	DMC3021LSD	Q1,Q6,Q9
ESK107M035AE3AA	Alum Cap 100 uF	1	Kemet	ESK107M035AE3AA	C1
L78L33ACUTR	3.3V Fixed LDO	1	ST Microelectronics	L78L33ACUTR	VR1
CONN 10Pin RECEPT	10Pin .1" pitch recepticle	2	Futurlec	FHEADS10	J1,J2
MBT2222ADW1T1G	Dual NPN transistor SC70-6	6	ON Semiconductor	MBT2222ADW1T1G	Q2,Q3,Q4,Q5,Q7,Q8
MSP430G2553IPW20	16 Bit Microcontroller	1	Texas Instruments	MSP430G2553IPW20	U1
OSTTC022162	2 Pin Screw Terminal Block	1	On Shore Technology Inc	OSTTC022162	J3
OSTTC032162	3 Pin Screw Terminal Block	1	On Shore Technology Inc	OSTTC032162	J4
RES 10 0603	10 Ohm Resistor 0603 1%	6	Yageo	RC0603FR-0710RL	R1,R2,R9,R10,R17,R18
RES 330 0402	330 Ohm Resistor 0402 1%	6	Yageo	RC0402FR-07330RL	R3,R6,R11,R14,R19,R22
RES 1.8K 0402	1.8K Ohm Resistor 0402 1%	6	Yageo	RC0402FR-071K8L	R4,R7,R12,R15,R20,R23
RES 10K 0402	10K Ohm Resistor 0402 1%	6	Yageo	RC0402FR-0710KL	R5,R8,R13,R16,R21,R24
RES 30K 0402	30.1K Ohm Resistor 0402 1%	3	Yageo	RC0402FR-0730K1L	R26,R27,R30
RES 100K 0402	100K Ohm Resistor 0402 1%	3	Yageo	RC0402FR-07100KL	R25,R28,R29