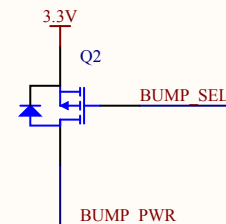
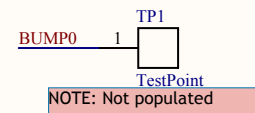
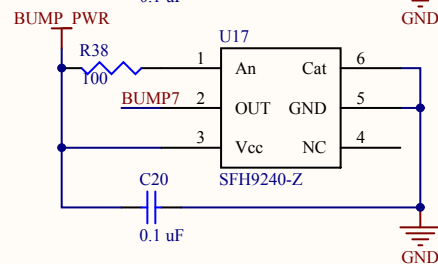
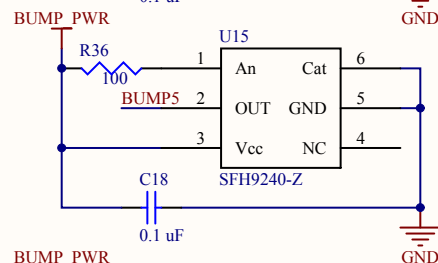
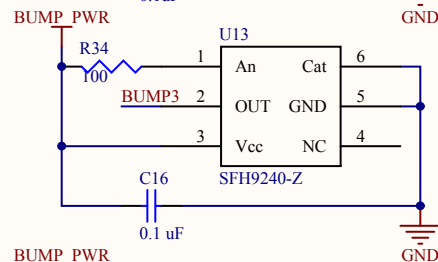
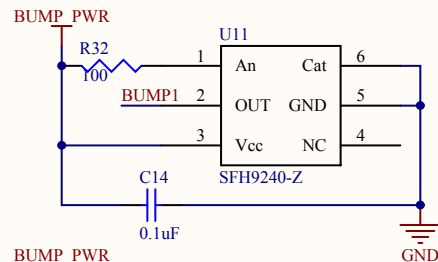
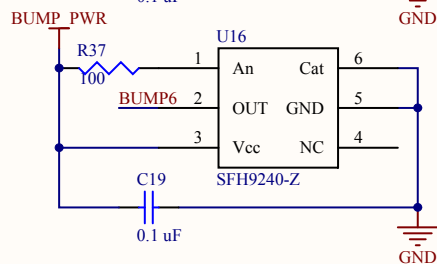
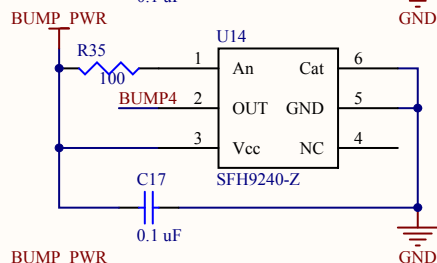
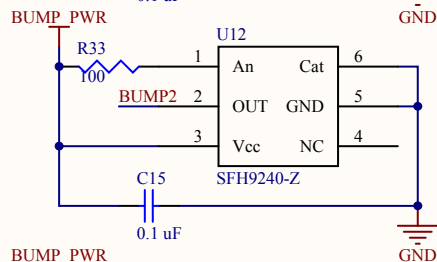
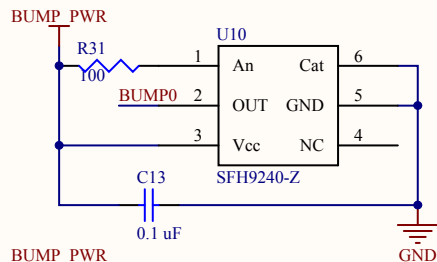


A

A

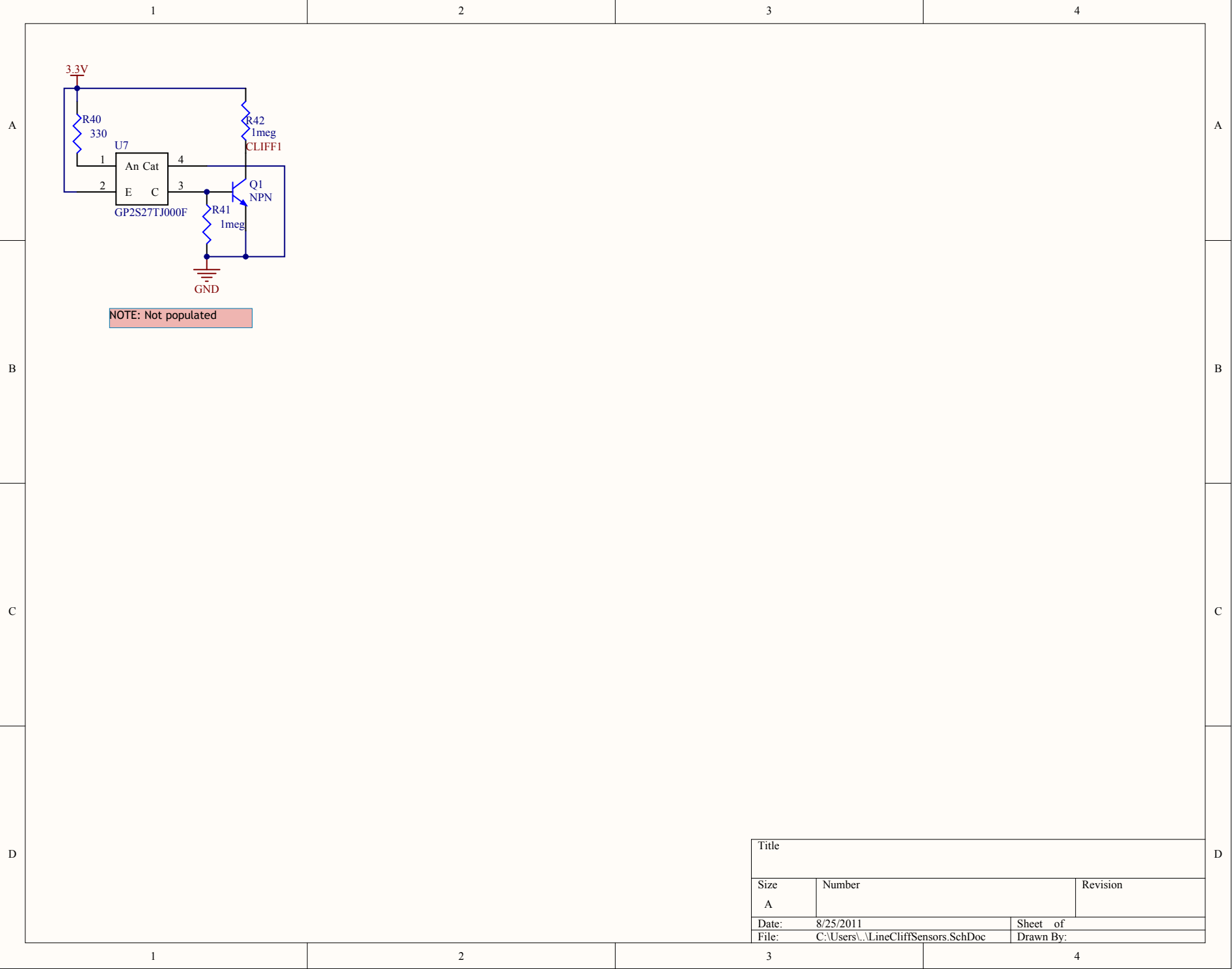


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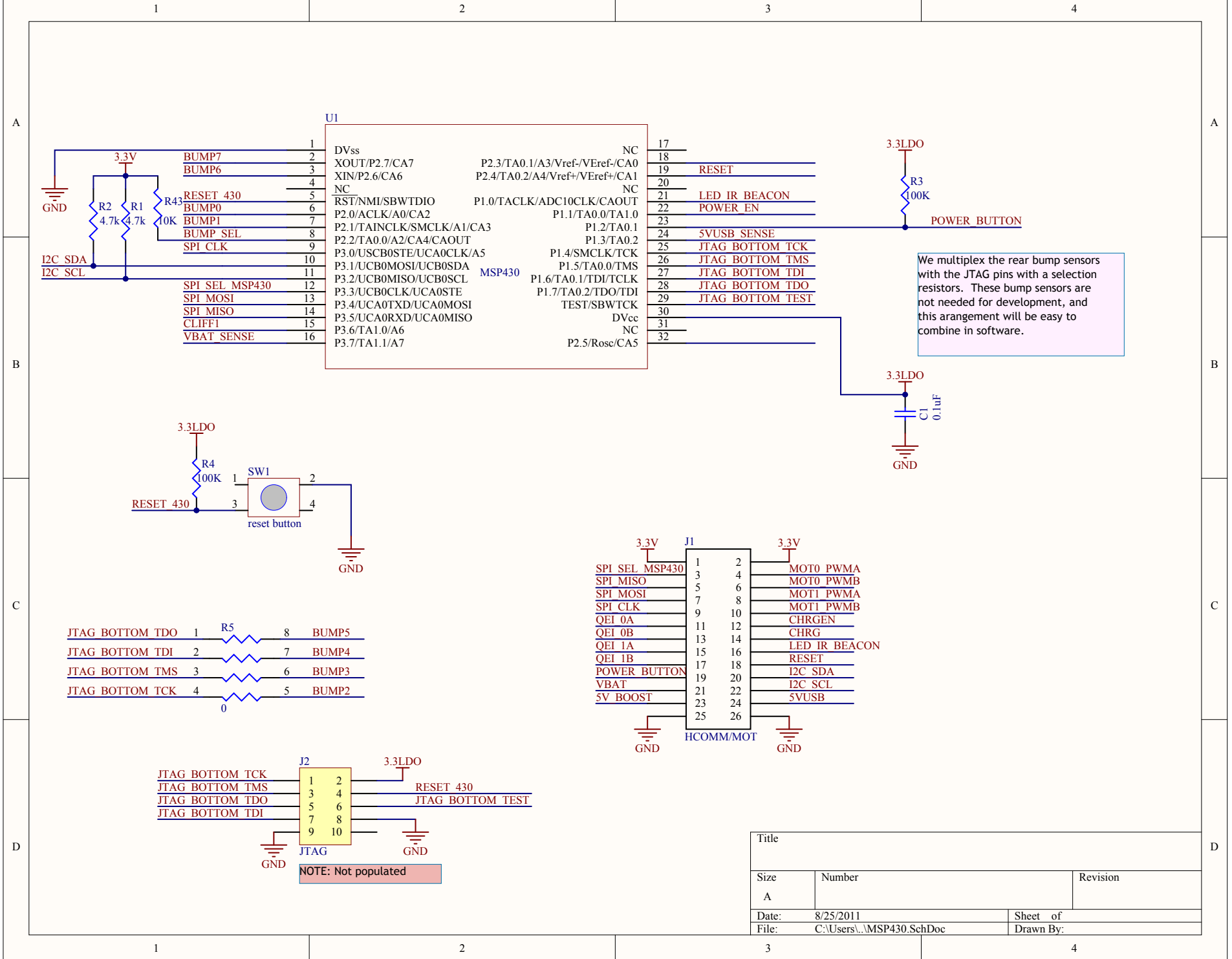
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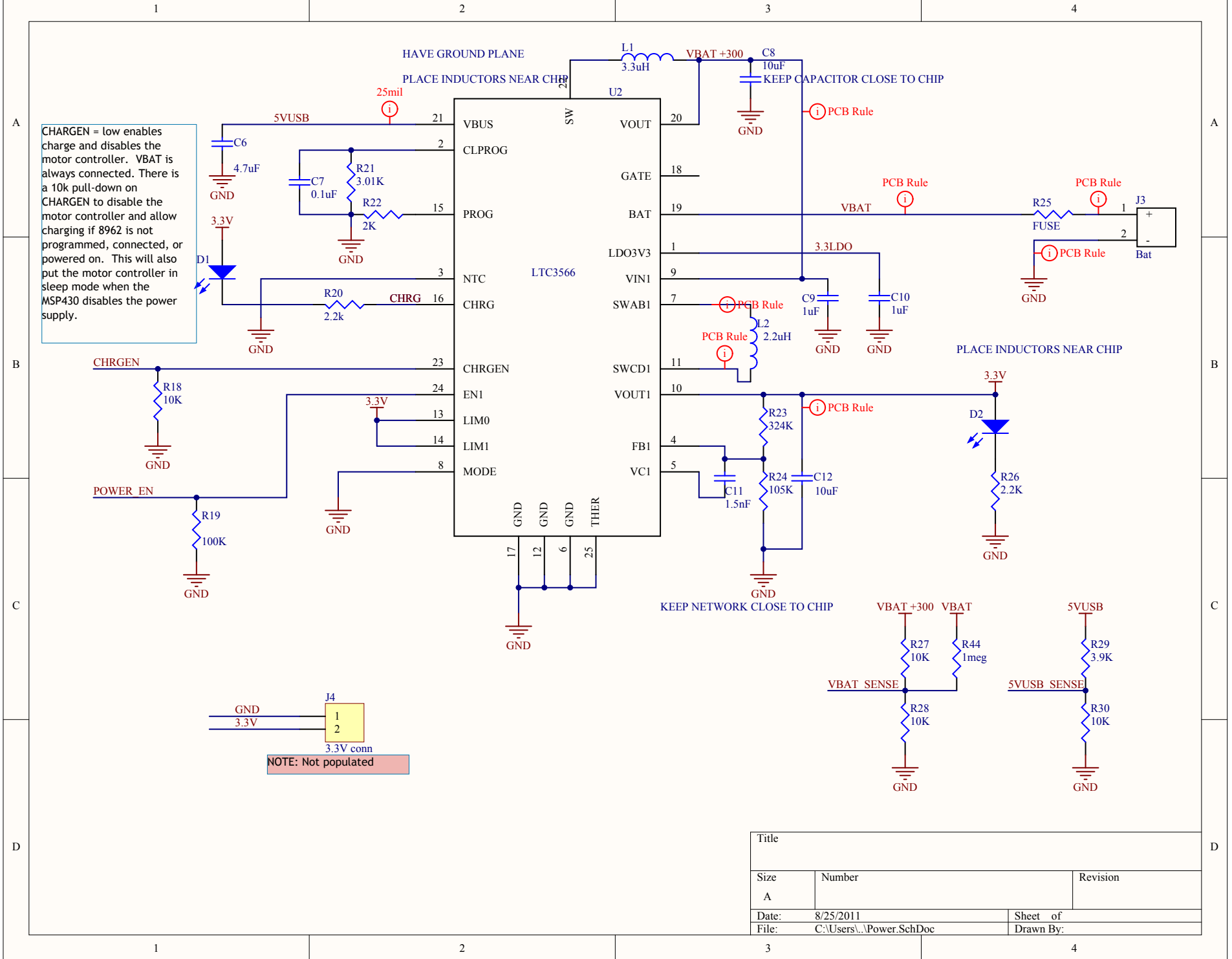
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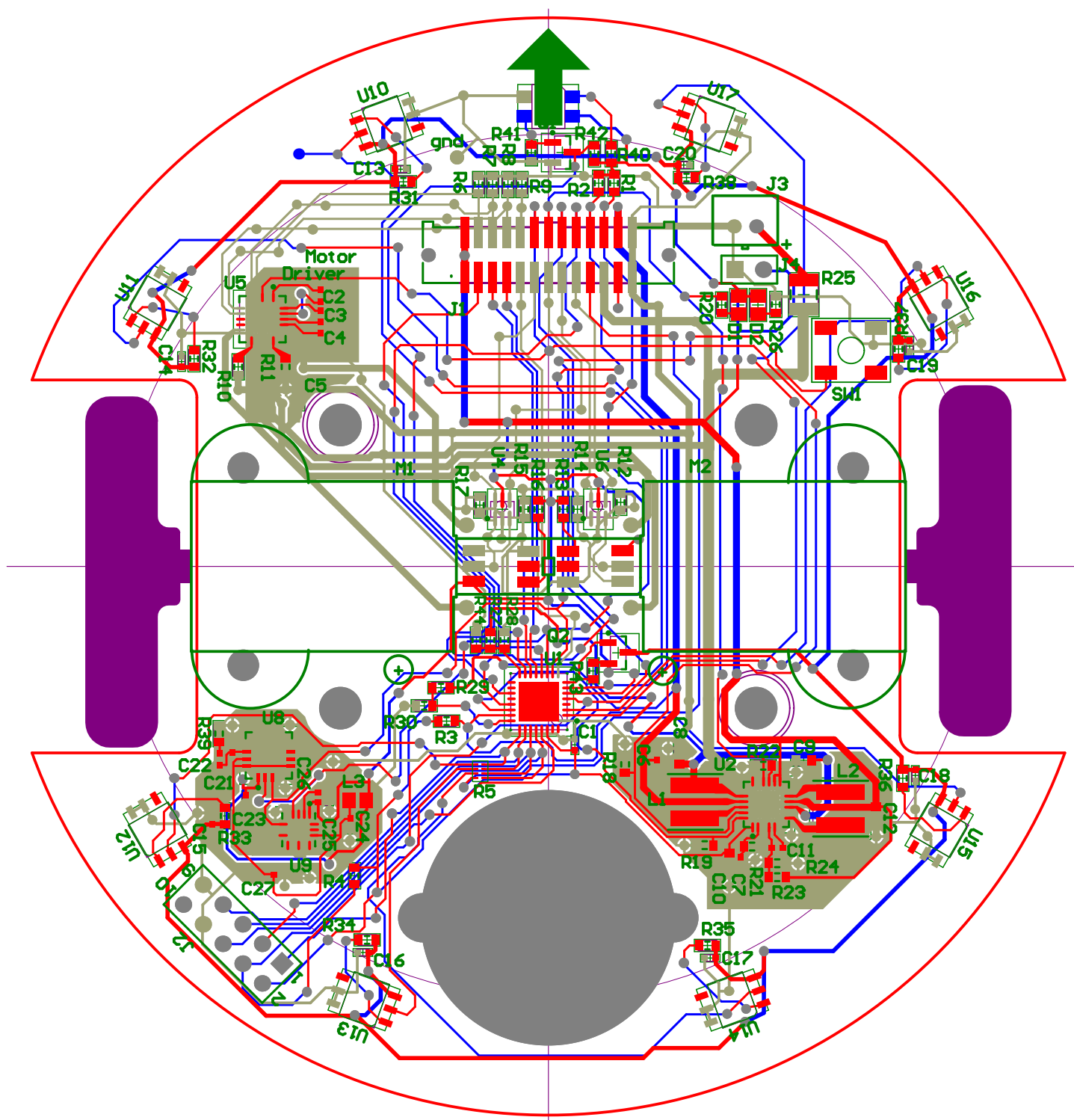
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Date:	8/25/2011		Sheet of
File:	C:\Users\...\LineCliffSensors.SchDoc		Drawn By:







Bill of Materials

Bill of Materials For Project [roneMotorBoard-v11.PrjPcb] (No PCB Document Selecte

Source Data From: roneMotorBoard-v11.PrjPcb
 Project: roneMotorBoard-v11.PrjPcb
 Variant: None

Creation Date: 8/25/2011 5:21:43 PM
 Print Date: 40780 40780.72349

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPC1005L	Cap Semi	Cap Semi	C1, C2, C3, C4, C6, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27	Capacitor (Semiconductor SIM Model)	20
CAPC1608L	Cap Semi	Cap Semi	C5	Capacitor (Semiconductor SIM Model)	1
CAPC1005L	Cap	Cap	C7, C11	Capacitor	2
CAPC1608L	Cap	Cap	C8, C9, C10, C12	Capacitor	4
3/4"CASTER 2	non connect	Caster 3/4in	Caster1	This is just a space saver to get the caster onto the pcb	1
INDC2012L	Charge	LED2	D1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
INDC2012L	Power	LED2	D2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
HeaderSM 13x2	HCOMM/MOT	HCOMM/HMOT	J1	Header, 2X20, 50mil, IDC	1
HDR2X5	JTAG	Header 5X2	J2	Header, 5-Pin, Dual row	1
BatteryConnJ ST	Bat	BatteryConnJST	J3		1
HDR1X2	3.3V conn	Header 2	J4	Header, 2-Pin	1
IndPow	3.3uH	Inductor	L1		1
IndPow	2.2uH	Inductor	L2		1
INDC2012L	Inductor	Inductor	L3	Inductor	1
motorEncode r_V7b	motorEncoder_V7b	motorEncoder_V7b	M1, M2		2
SOT-23	NPN	NPN	Q1		1
SOT-23	P-Mosfet	P-Mosfet	Q2		1
RESC1608L	Res3	Res3	R1, R2, R3, R4, R6, R7, R8, R9, R10, R11, R18, R19, R20, R21, R22, R23, R24, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44	Resistor	36
4-RES ARRAY	0	4 Res Array	R5		1
RESC1608L		Res3	R12, R13, R14, R15, R16, R17	Resistor	6
RESC3225L	Res3	Res3	R25	Resistor	1
SwitchTail- TL330	reset button	Switch-TL330	SW1		1
TestPoint	TestPoint	TestPoint	TP1		1
MSP430_32 PIN	MSP430	MSP430_32pin	U1		1
QFN-24 DCK(R- PDSO-C6)	LTC3566 schmit trigger	LTC3566 schmit trigger	U2		1
QFN-20			U4, U6		2
GP2S27J000 0F	MOTOR-A3906	MOTOR-A3906	U5		1
L3G2004D	GP2S27TJ000F	GP2S27TJ000F	U7		1
MMA8452Q	L3G4200D	L3G4200D	U8	3axis gyroscope, SPI	1
SFH9240-Z	MMA8452Q	MMA8452Q	U9		1
	SFH9240-Z	SFH9240-Z	U10, U11, U12, U13, U14, U15, U16, U17		8
					103

Approved	Notes