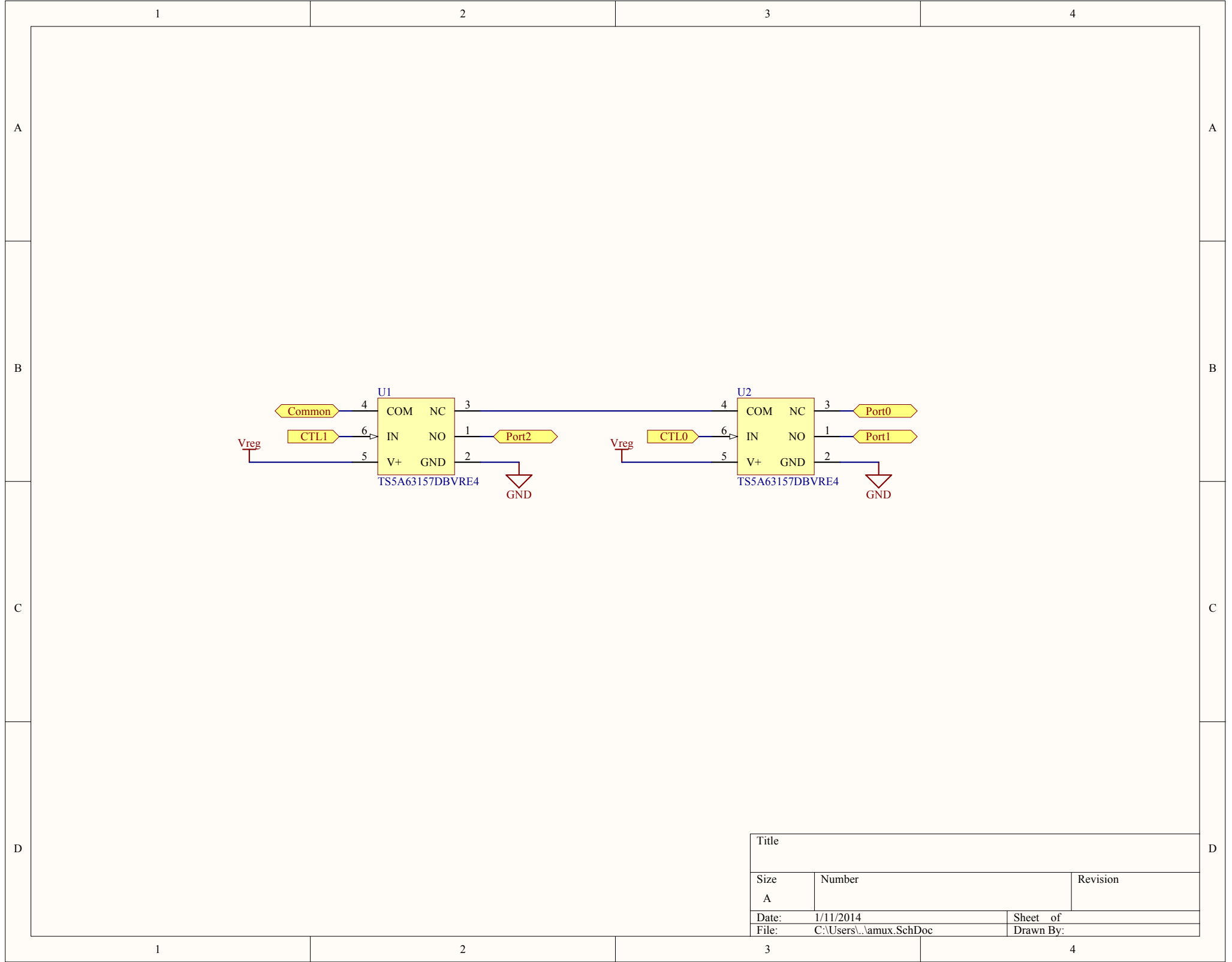
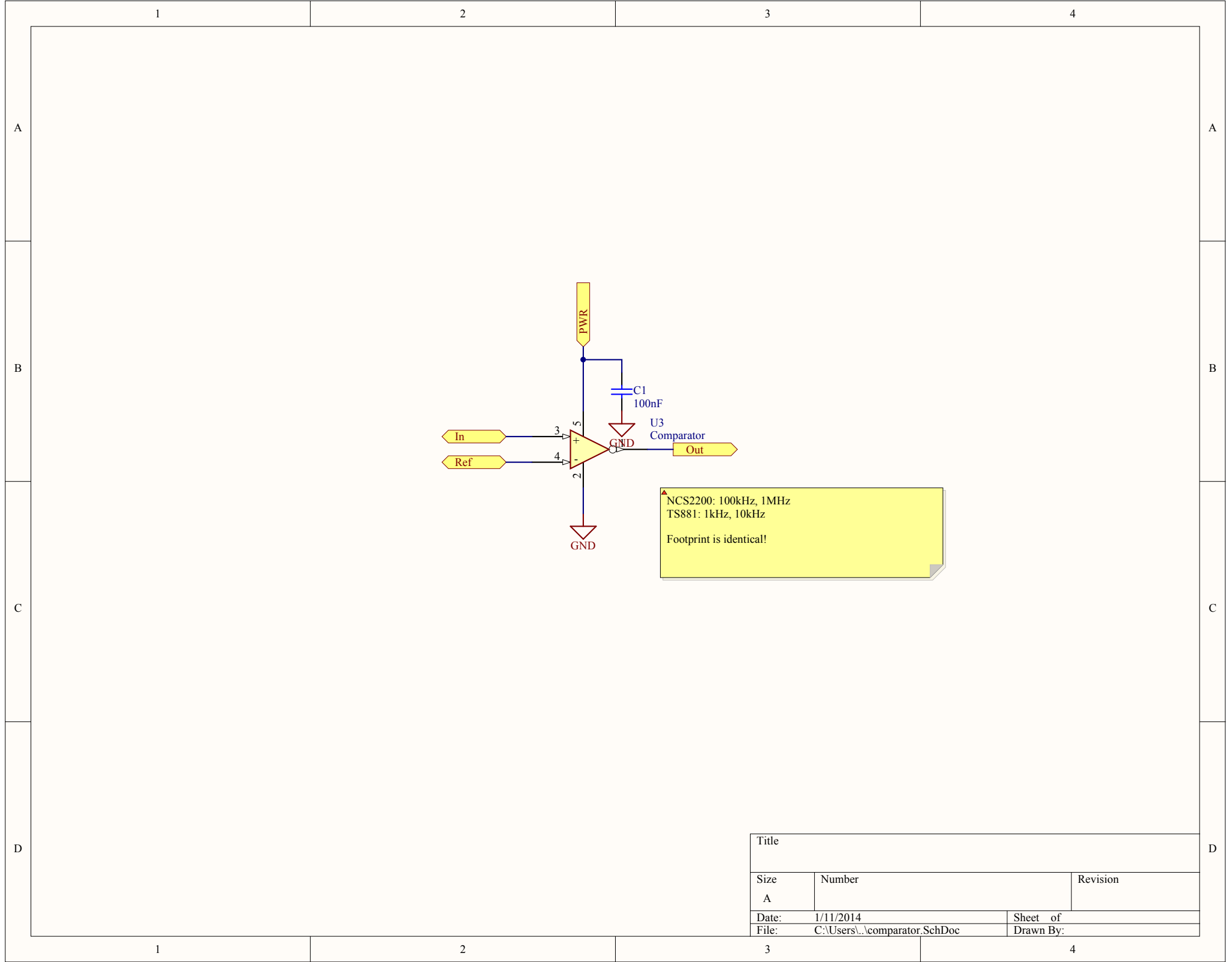
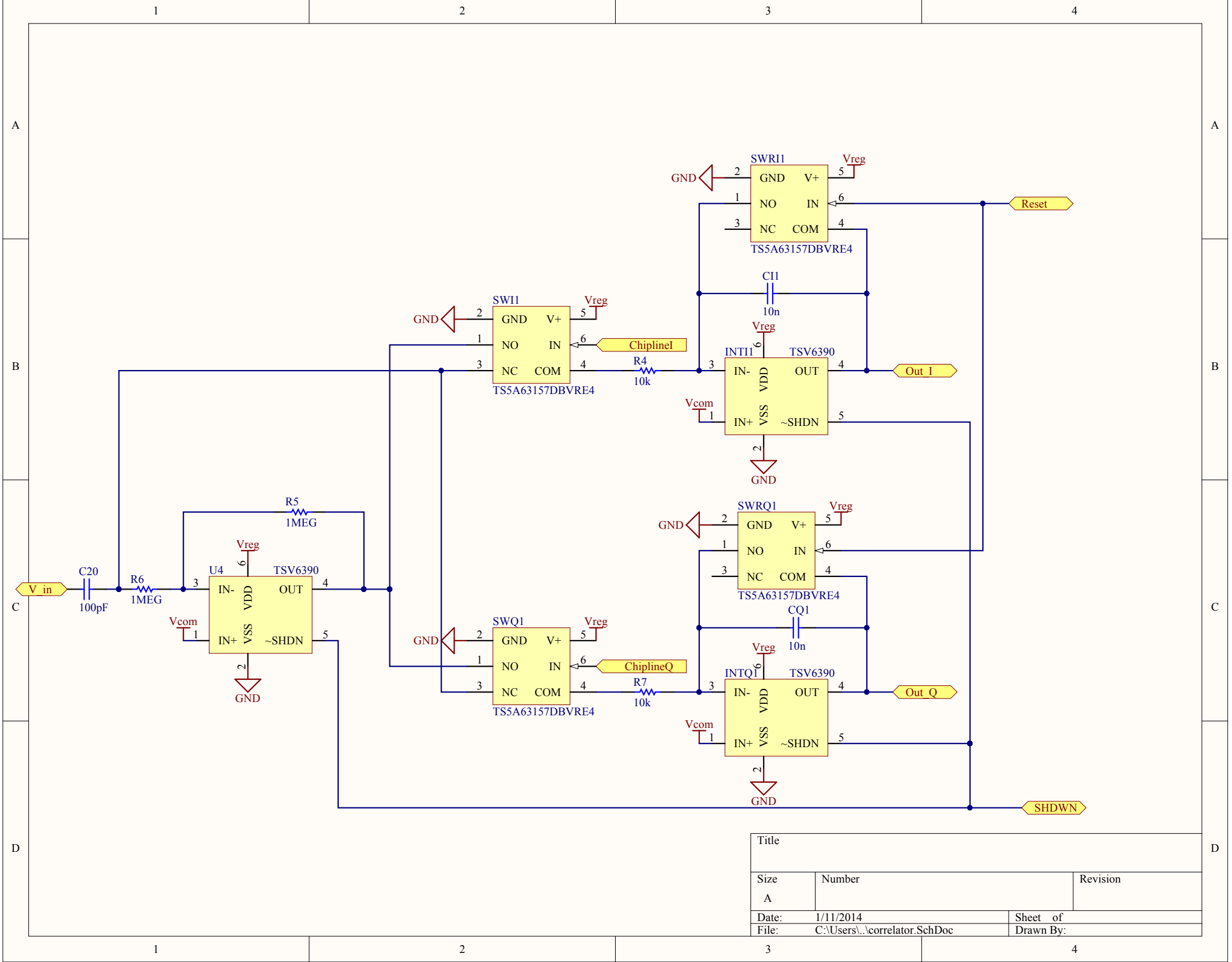


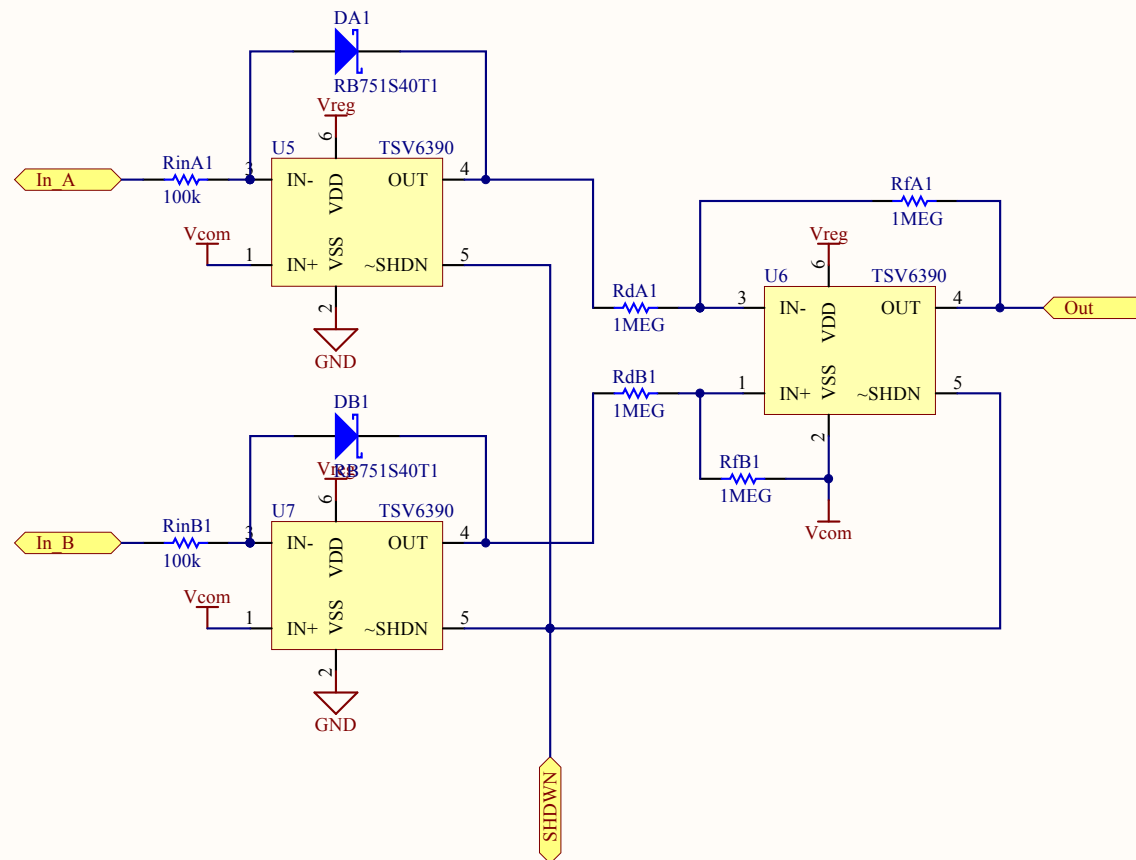
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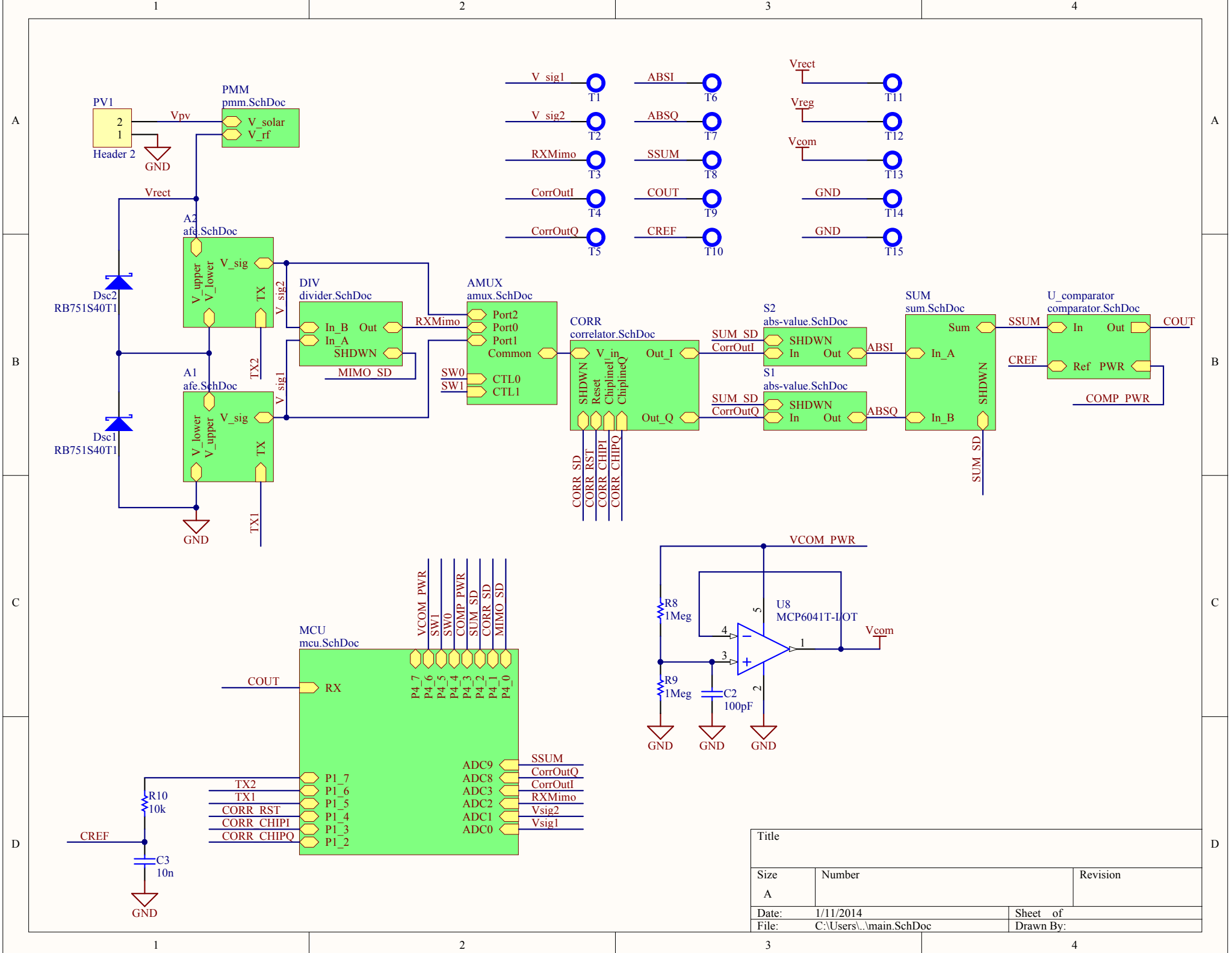




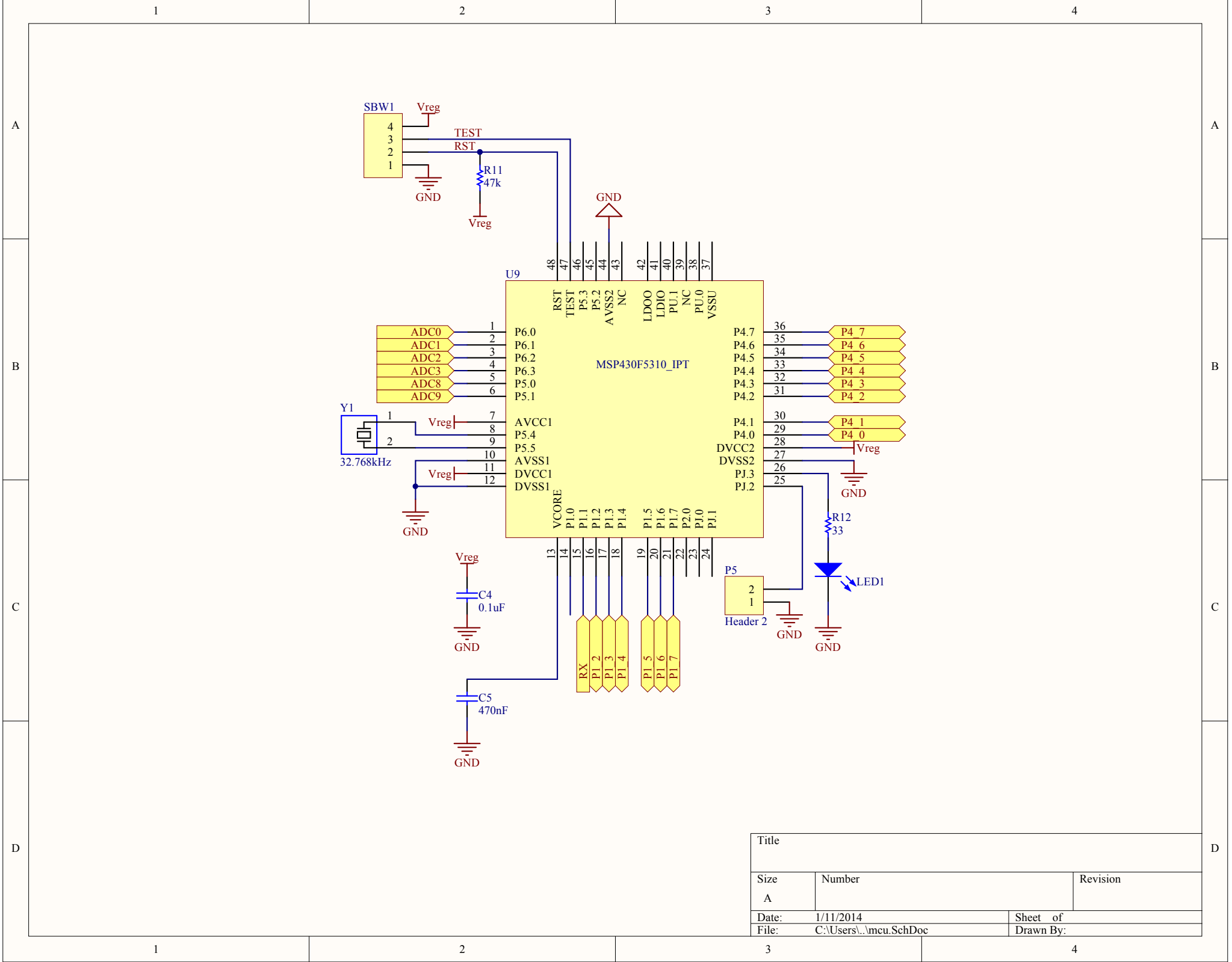
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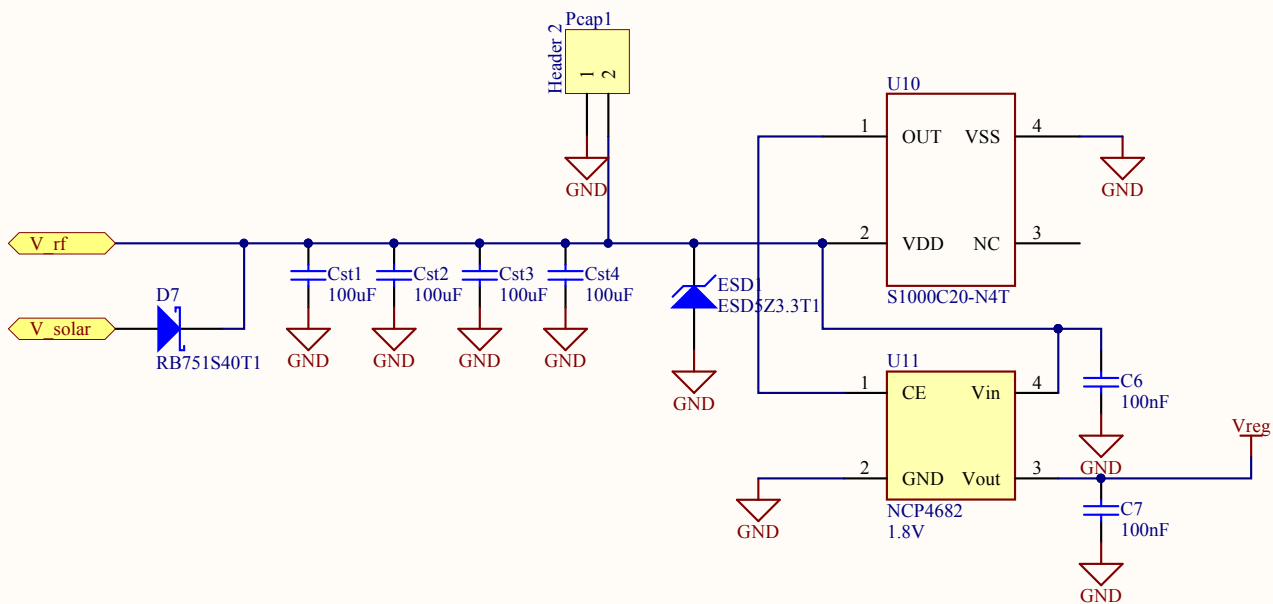
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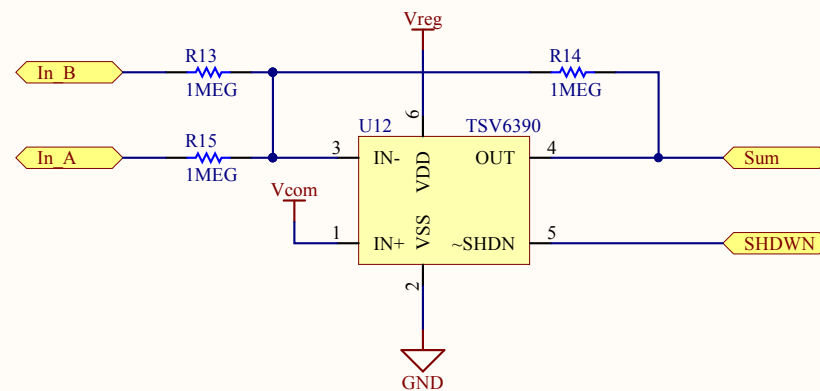
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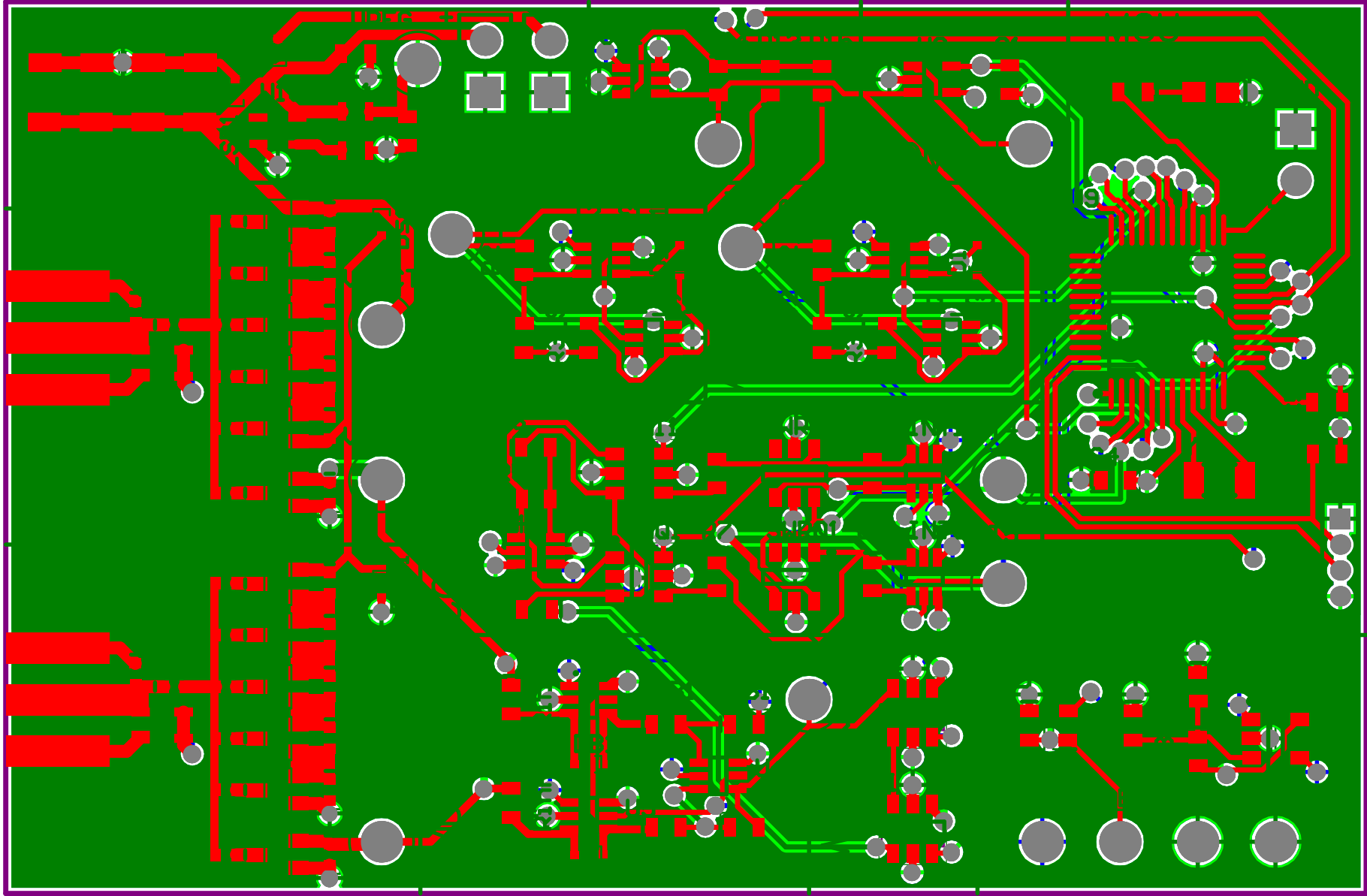
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Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Ceramic Capacitor (Surface Mount)	C1, C2, C3, C4, C5, C6, C7, C20, C11, CQ1	0603	Cap	10
Cap	Ceramic Capacitor (Surface Mount)	Cf1_A1, Cf1_A2, Cf2_A1, Cf2_A2, Cf3_A1, Cf3_A2, Cf4_A1, Cf4_A2, Cf5_A1, Cf5_A2, Cfd1_A1, Cfd1_A2, Clm1_A1, Clm1_A2, Cp1_A1, Cp1_A2, Cp2_A1, Cp2_A2, Cp3_A1, Cp3_A2, Cp4_A1, Cp4_A2, Cp5_A1, Cp5_A2, Cpd1_A1, Cpd1_A2	0402	Cap	26
Cap	Ceramic Capacitor (Surface Mount)	Cst1, Cst2, Cst3, Cst4	1206	Cap	4
RB751S40T1	Schottky Diode	D1_S1, D1_S2, D7, DA1, DB1, Dsc1, Dsc2	SOD-523	RB751S40T1	7
HSMS-285C	Agilent Schottky Diode, Two in Series, Small Package SOT-323	D2_A1, D2_A2, D3_A1, D3_A2, D4_A1, D4_A2, D5_A1, D5_A2, D6_A1, D6_A2, Dd1_A1, Dd1_A2	SOT-323, HSMS-285C	HSMS-285C	12
ESD5Z3.3T1	5V Overvoltage Protection Zener	ESD1	SOD-523	ESD5Z3.3T1	1
TSV6390		I1_S1, I1_S2, I2_S1, I2_S2, INT1, INTQ1, U4, U5, U6, U7, U12	SC-70-6	TSV6390	11
LED	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LED1	Diode - 0603	Diode - LED	1
Ind	Inductor (Surface Mount)	L1m1_A1, L1m1_A2	0402	Ind	2
Header 2	Header, 2-Pin	P5, Pcap1, PV1	HDR1X2	Header 2	3
BF1201WR	N-Channel Dual-Gate Mos-Fets MOSFET, SOT343R	QTX1_A1, QTX1_A2	SOT343R	BF1101WR	2
Res	Chip Resistor (Surface Mount)	R1_S1, R1_S2, R2_S1, R2_S2, R3_S1, R3_S2, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, RdA1, RdB1, RfA1, RfB1, RinA1, RinB1	0603	Res	24
SMA - Edge	SMA - Board Edge Connector	RF1_A1, RF1_A2	SMA - Edge - Narrow	SMA - Edge	2
MHDR1X4	Header, 4-Pin	SBW1	MHDR1X4	MHDR1X4	1
TS5A63157DBVRE4	12-Ohm SPDT Analog Switch, 5-V / 3.3-V Single-Channel 2:1 Multiplexer / Demultiplexer, -40 to 85 degC, DBV, RoHS	SWI1, SWQ1, SWRI1, SWRQ1, U1, U2	TI-DBV6_L	CMP-0691-00001-1	6
Test Point	Test Point, large or small foot prints	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15	Test Point - Large	Test Point	15
Comparator	Comparator: On Semi 10uA Comparator	U3	SC70-5	NCS2200	1
MCP6041T-I/OT	600 nA, Rail-to-Rail Input/Output Operational Amplifier, 5-Pin SOT-23, Industrial Temperature, Tape and Reel	U8	SOT-23-OT5_L	CMP-0187-00447-2	1
MSP430F5310_IPT	IC MCU 16BIT 32KB FLASH 48LQFP, MSP430F5310_IPT	U9	PT48_L	MSP430F5310_IPT	1
S1000C20-N4T	Ultra-small package High precision protection(SC82-AB)	U10	SC82-AB	S1000C30-N4T	1
NCP4682	Regulator: LDO NCP4682 (with enable) / NCP4685 (without)	U11	SC82-AB	NCP4682	1
XTAL	Crystal Oscillator - [3.20M	Y1	XTAL [3.20mm x 1.50mm]	XTAL 2-pins	1