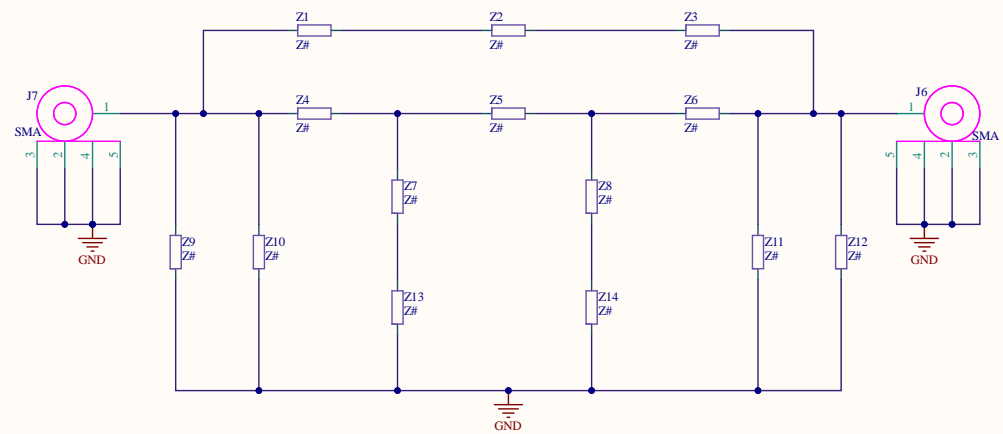
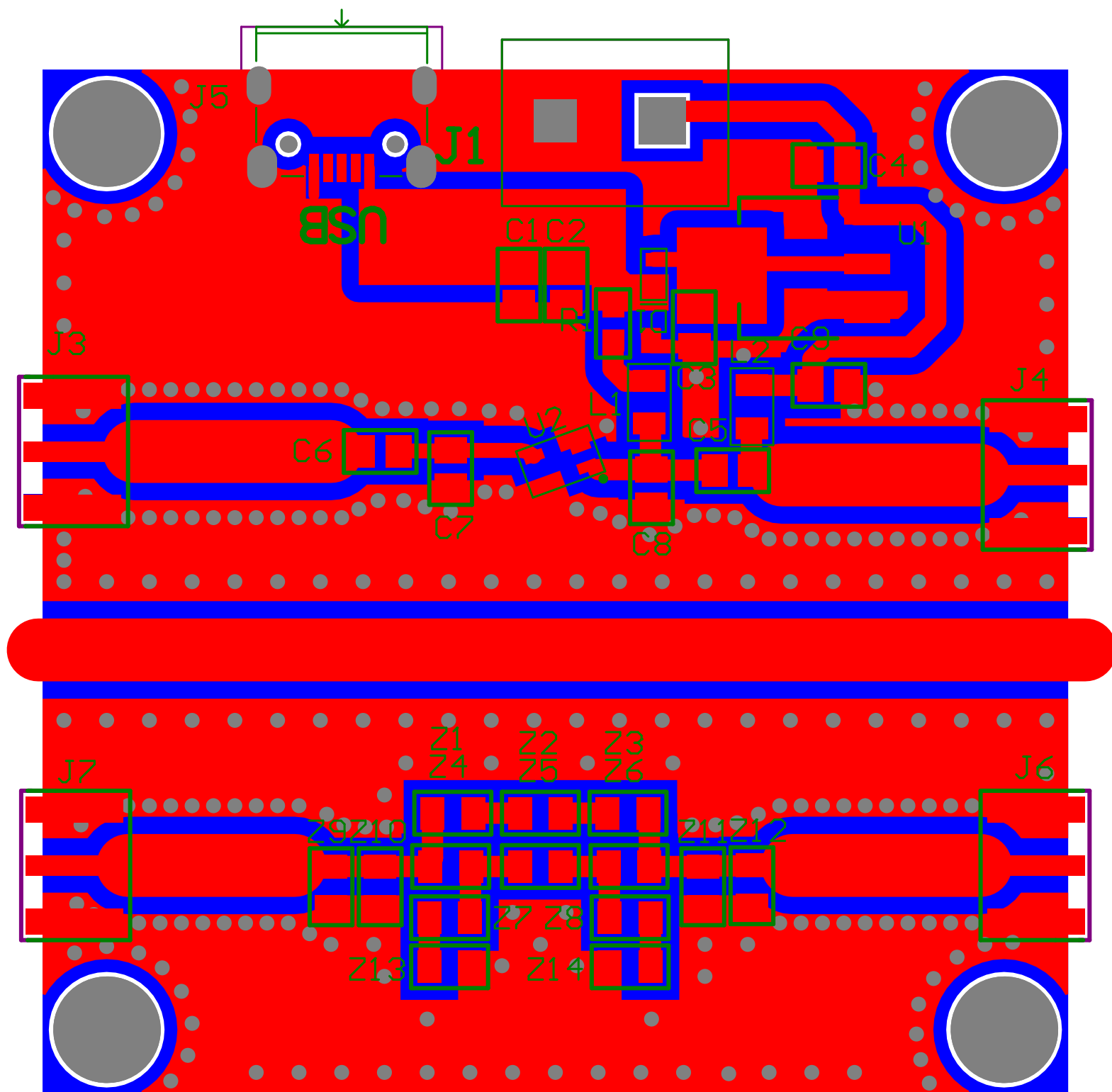


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Title			Filters	
Size	Number		Revision	
A3				
Date:	3-12-2021		Sheet of	
File:	C:\Users\...\LNA_RF_Filters.SchDoc		Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
100pF(50V)	100pF ±5% 50V Ceramic Capacitor C0G, NP0 0805 (2012 Metric)	C1, C5, C6, C7, C8	Capacitor_0805	C0805C101J5GACAUT O	5
1nF(50V)	1000pF ±5% 50V Ceramic Capacitor X8R 0805 (2012 Metric)	C2, C9	Capacitor_0805	C0805C102J5HACAUT O	2
100nF(50V)	0.1µF ±10% 50V Ceramic Capacitor X7R 0805 (2012 Metric)	C3, C4	Capacitor_0805	CL21B104KBFXPJE	2
ZLLS350TA	Diode Schottky 40V 380mA (DC) Surface Mount SOD-523	D1	SOD523	ZLLS350TA	1
Screw Terminal	2 Position Wire to Board Terminal Block Horizontal with Board 0.197" (5.00mm) Through Hole	J1	ScrewTerminal_2	TB003-500-P02BE	1
SMA	SMA Connector Receptacle, Female Socket 50Ohm Board Edge, End Launch Solder	J3, J4, J6, J7	BRD_EDGE_SMA	EMPCB.SMAFSTJ.B.HT	4
MicroUSB	USB - micro B USB 2.0 Receptacle Connector 5 Position Surface Mount, Right Angle; Through Hole	J5	Micro USB	629105150521	1
82nH	82nH Unshielded Wirewound Inductor 400mA 420mOhm 0805 (2012 Metric)	L1	Inductor_0805	0805CS-820EGTS	1
10uH	10µH Shielded Multilayer Inductor 15mA 800mOhm Max 0805 (2012 Metric)	L2	Inductor_0805	MLF2012E100JT000	1
Mounting Hole	3.3mm Mounting Hole	MH1, MH2, MH3, MH4	Mounting_Hole_3.3m m	3MM_MOUNTING_H OLE	4
0R(0603 in)	0 Ohms Jumper 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	R1	RESISTOR0603	RMCF0603ZTOR00	1
5V REG	Linear Voltage Regulator IC Positive Fixed 1 Output 800mA SOT-223	U1	4PIN-SOT	LM1117IMP- 5.0/NOPB	1
PSA4-5043+	SMT Low Noise Amplifier, 50 - 4000 MHz, 50Ω	U2	PSA45043+	PSA4-5043+	1
Z#		Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8, Z9, Z10, Z11, Z12, Z13, Z14	RESISTOR0805	Z	14