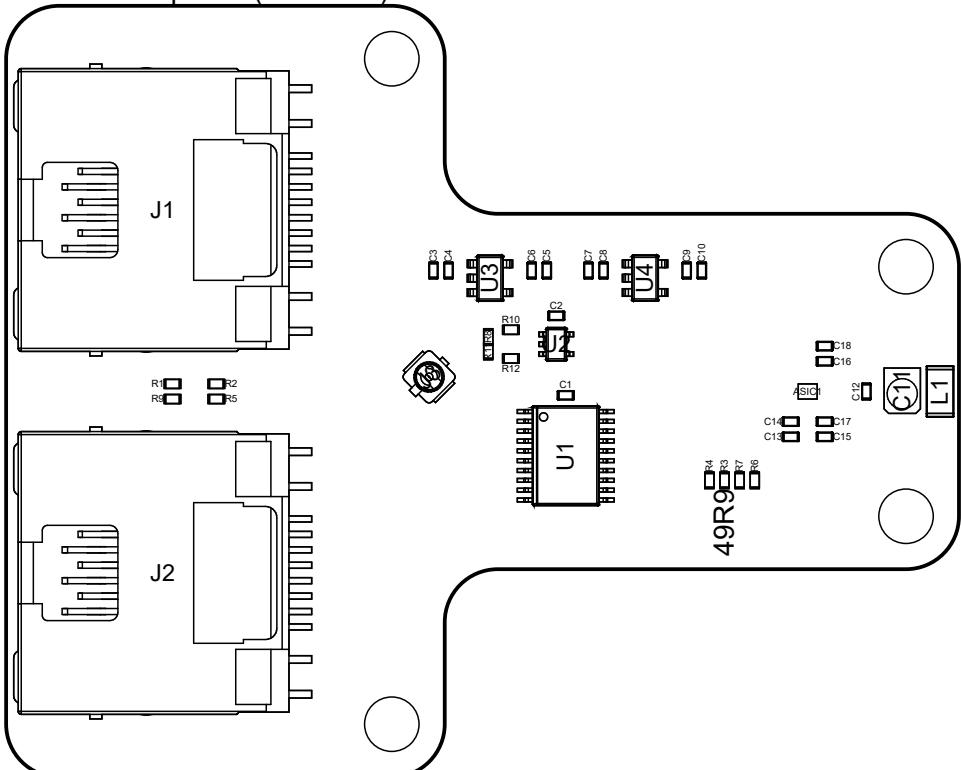




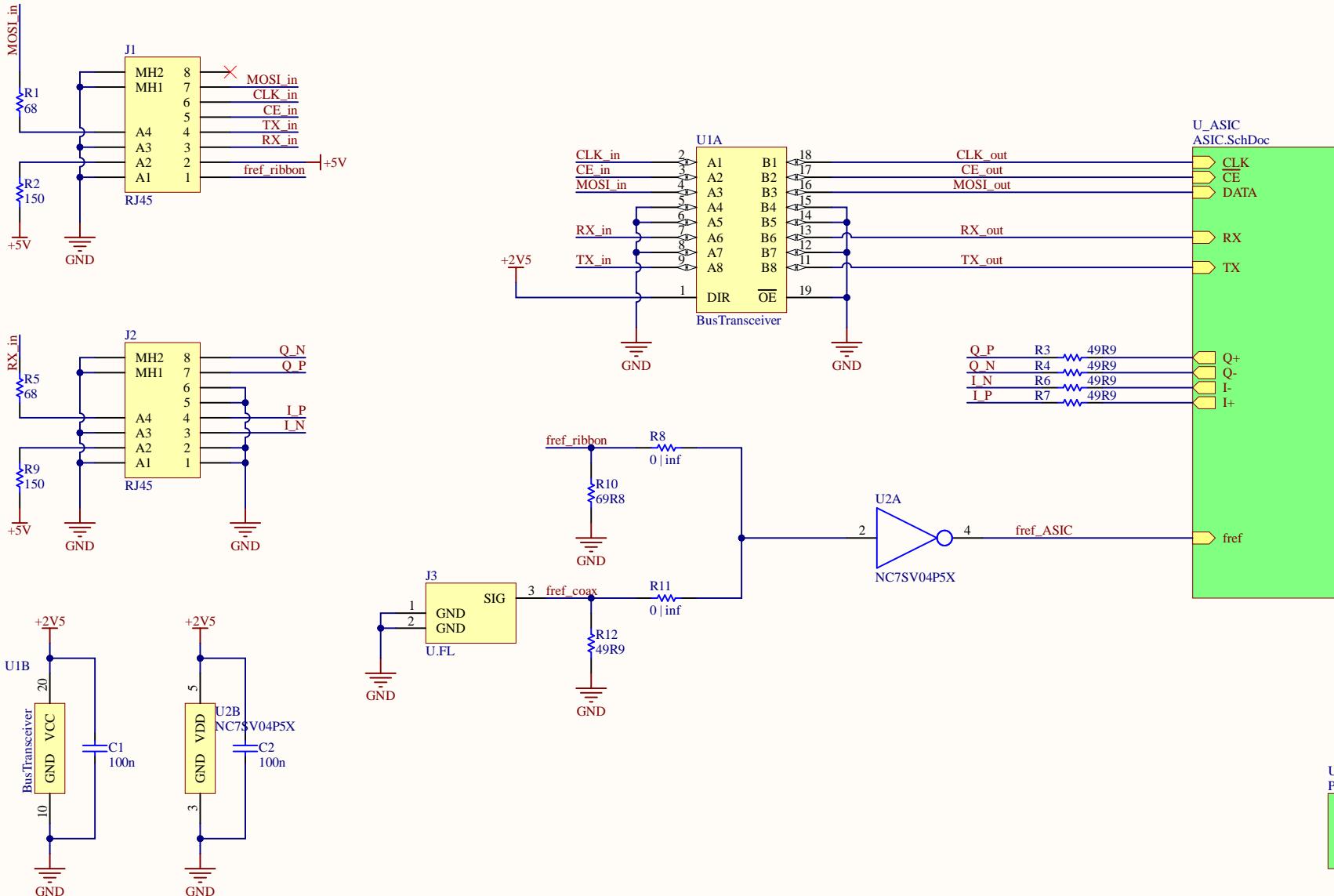
A B C D E  
1  
2  
3  
4

View from Top side (Scale 2:1)



Bill Of Materials

Designator	Comment	Quantity
ASIC1	NMR-Transceiver-v2_FD2020	1
C1, C2, C4, C5, C8, C9, C13, C17, C18	100n	9
C3, C6, C7, C10	1u	4
C11	JR500	1
C12	Ct	1
C14, C15, C16	1n	3
J1, J2	RJ45	2
J3	U.FL	1
L1	solenoid	1
R1, R5	68	2
R2, R9	150	2
R3, R4, R6, R7, R12	49R9	5
R8, R11	0   inf	2
R10	69R8	1
R13, R14	0	2
U1	BusTransceiver	1
U2	NC7SV04P5X	1
U3	LDLN025M25R	1
U4	LDLN025M12R	1



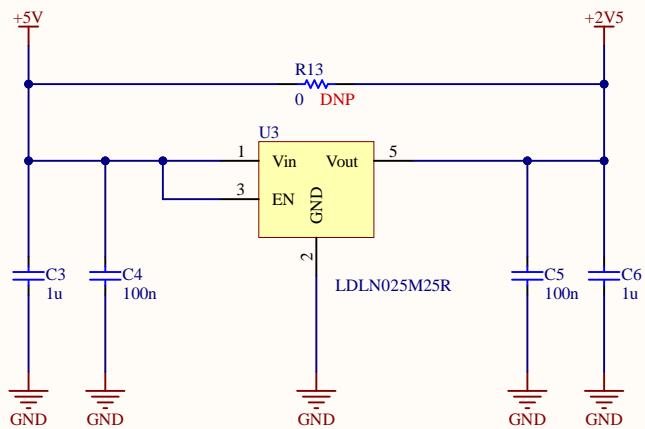
Frontend - Top Level

Size A4 Project AUS - NMR System

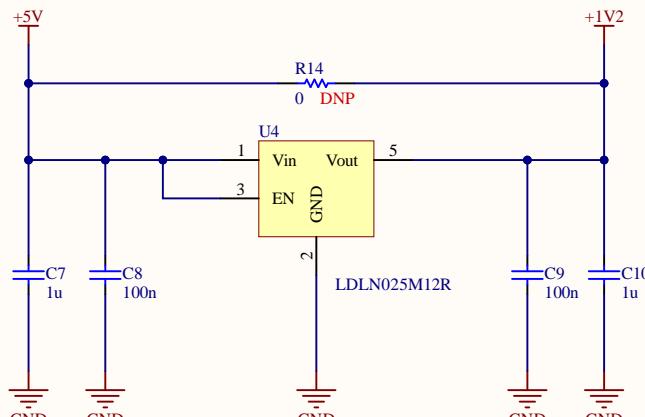
Date: 23.09.2023 Revision: V1.1  
 Sheet 1 of 3 Drawn By: M.Sc. Tobias Wirth



A



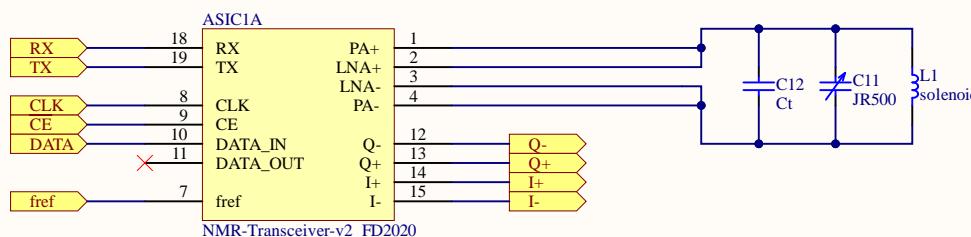
B



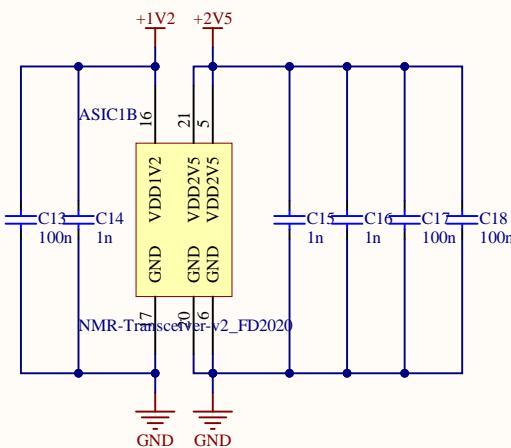
Title <b>Power / LDOs</b>	
Size A4	Project AUS - NMR System
Date: 23.09.2023	Revision: V1.1
Sheet 2 of 3	Drawn By: M.Sc. Tobias Wirth



A



B



C

Title <b>Transceiver ASIC</b>	
Size A4	Project AUS - NMR System
Date: 23.09.2023	Revision: V1.1
Sheet 3 of 3	Drawn By: M.Sc. Tobias Wirth

