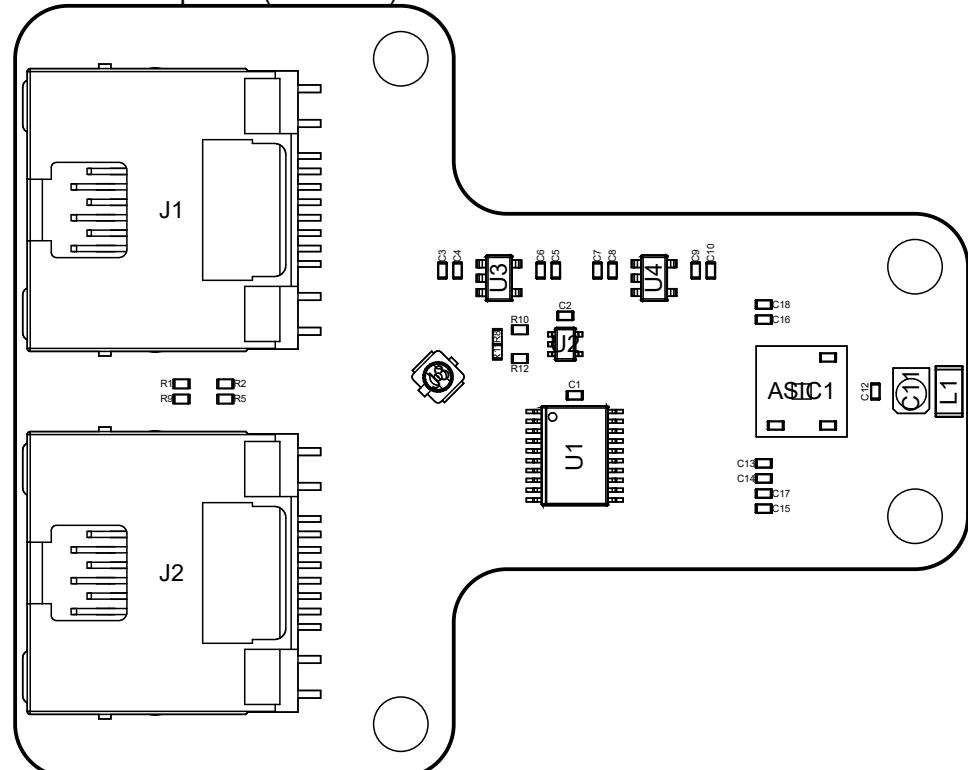


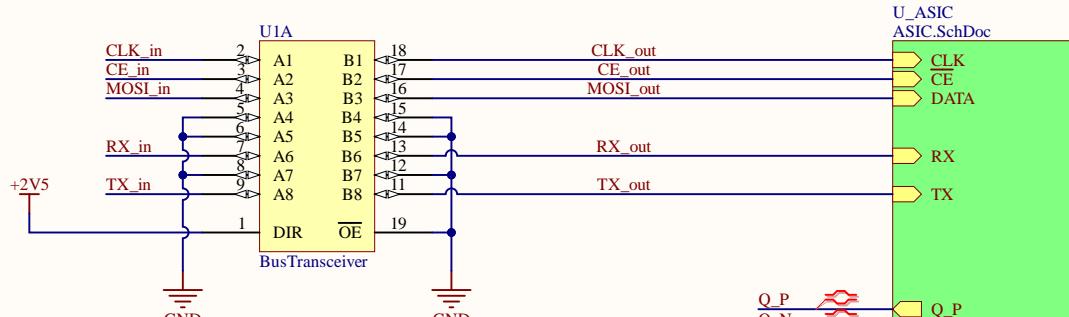
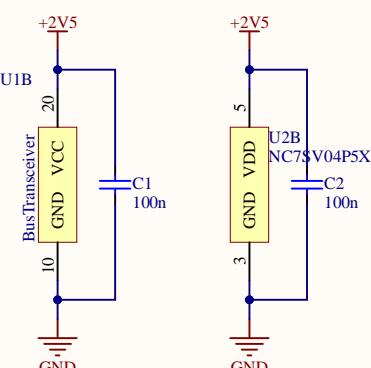
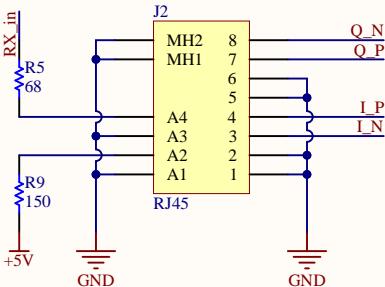
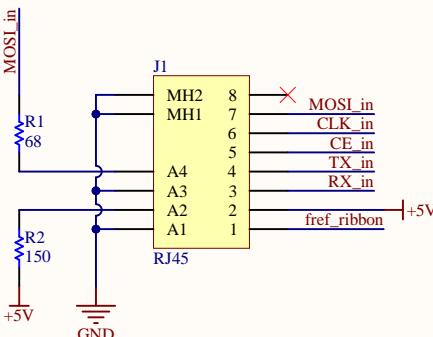
A B C D E
1
2
3
4

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
R8, R11	0 inf	2
R10	69R8	1
R12	49R9	1
R13, R14	0	2
U1	BusTransceiver	1
U2	NC7SV04P5X	1
U3	LDLN025M25R	1
U4	LDLN025M12R	1



U_ASIC
ASIC.SchDoc

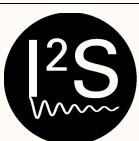
Q_P
Q_N
I_P
L_N

U_Power
Power.SchDoc

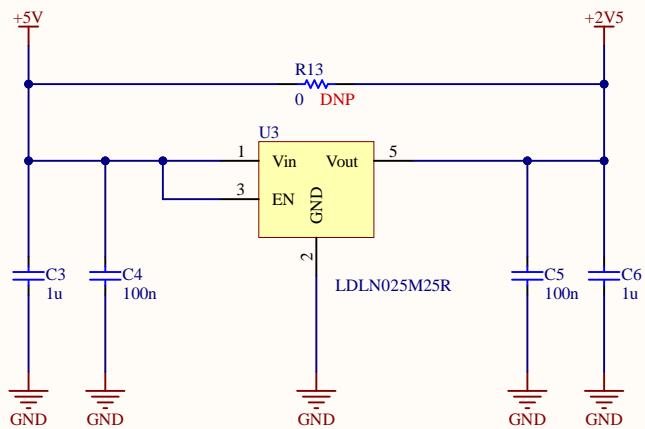
Title
Frontend - Top Level

Size A4 **Project** AUS - NMR System

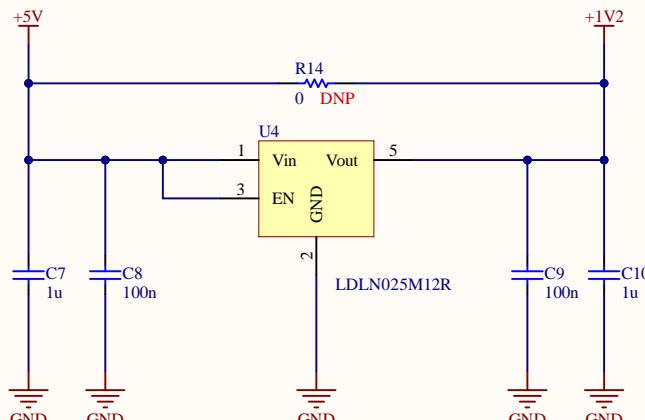
Date: 23.09.2023 **Revision:** V1.1
Sheet 1 of 3 **Drawn By:** M.Sc. Tobias Wirth



A



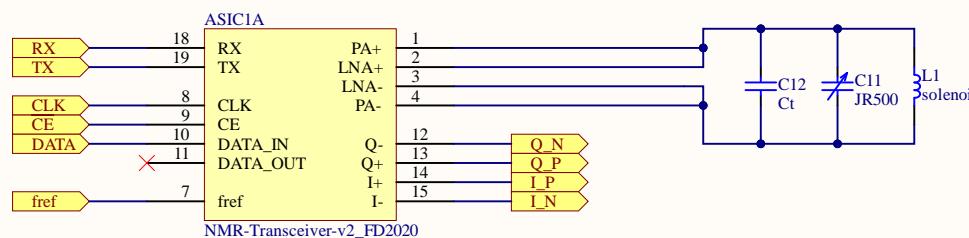
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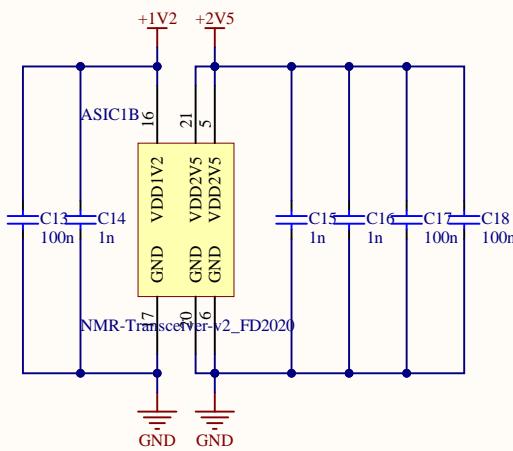
C

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

