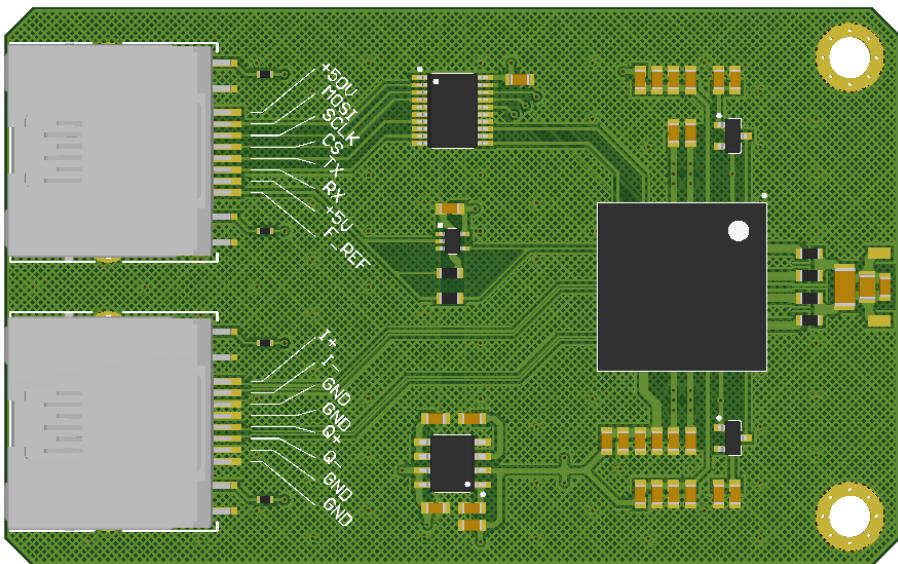
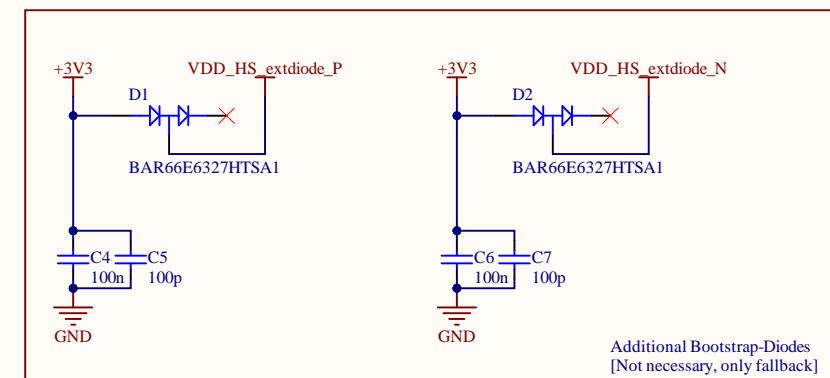
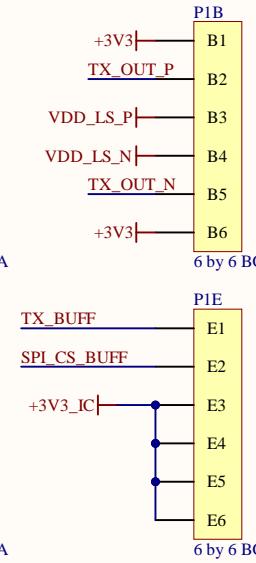
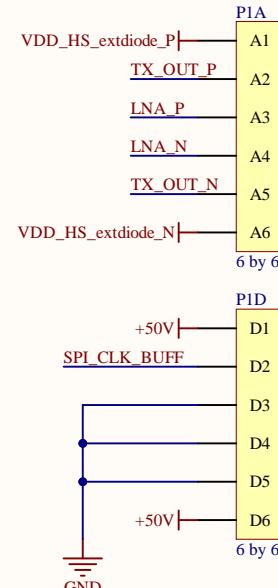
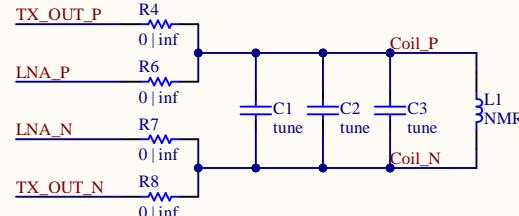
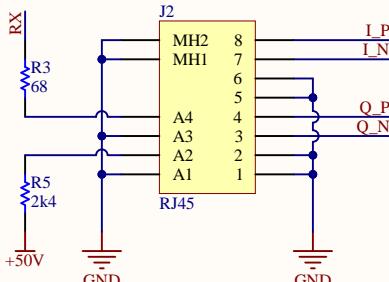
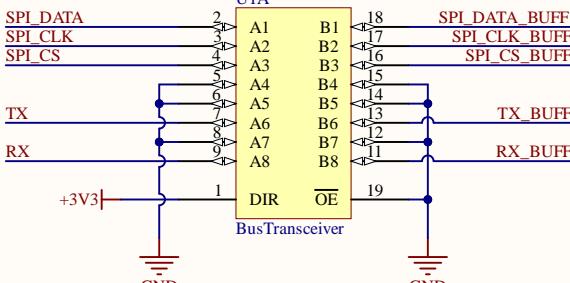
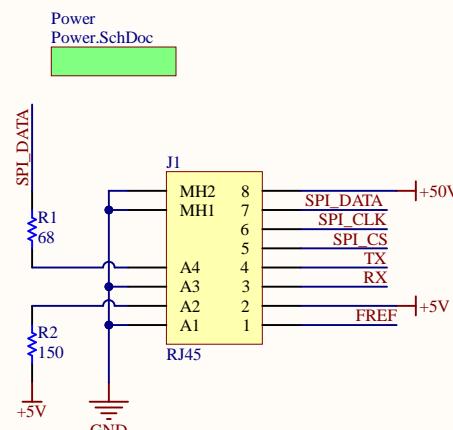


### Bill Of Materials

Designator	Name	Quantity
C1, C2, C3	tune	3
C4, C6, C8, C9, C20, C23, C26	100n	7
C5, C7, C21, C24, C27	100p	5
C10, C12, C13, C14, C15, C16, C17, C18	10u	8
C11	22u / 10u	1
C19, C22, C25	1u	3
D1, D2	BAR66E632HTSA1	2
J1, J2	RJ45	2
L1	NMR	1
L2, L3, L4	1k	3
P1	6 by 6 BGA	1
R1, R3	68	2
R2	150	1
R4, R6, R7, R8, R10		5
R5	2k4	1
R9		1
U1	BusTransceiver	1
U2	NC7SV04P5X	1
U3	ADM7154ARDZ-3.3-R7	1

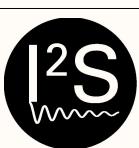
### Realistic View



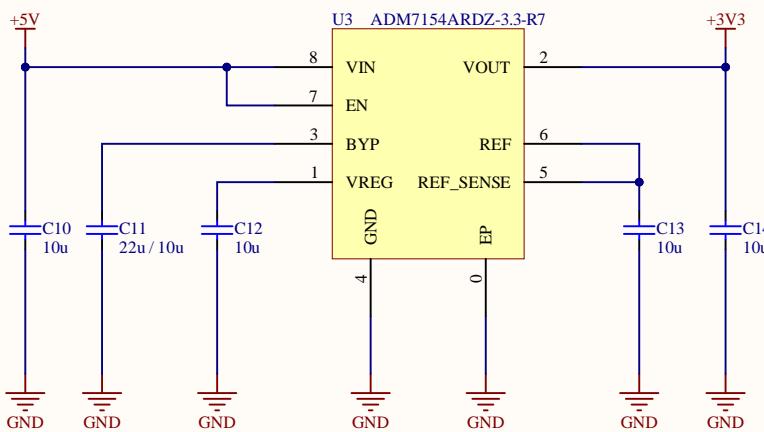


**Title** Frontend - Top Level

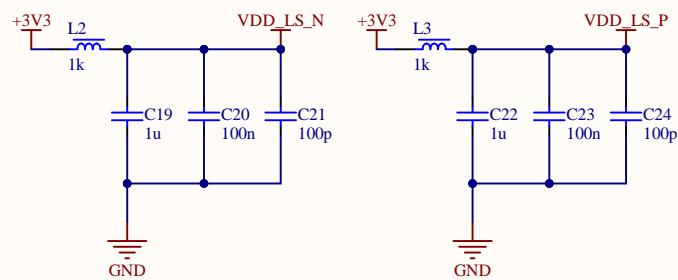
Size A4	Project AUS - NRM System
Date: 21.09.2023	Revision: V0.1
Sheet 1 of 2	
Drawn By: M.Sc. Tobias Wirth	



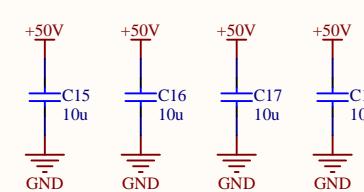
A



B



C



D

Title		Power	
Size	Project	AUS - NMR System	
A4	Date: 21.09.2023	Revision: V0.1	
	Sheet 2 of 2	Drawn By: M.Sc. Tobias Wirth	

