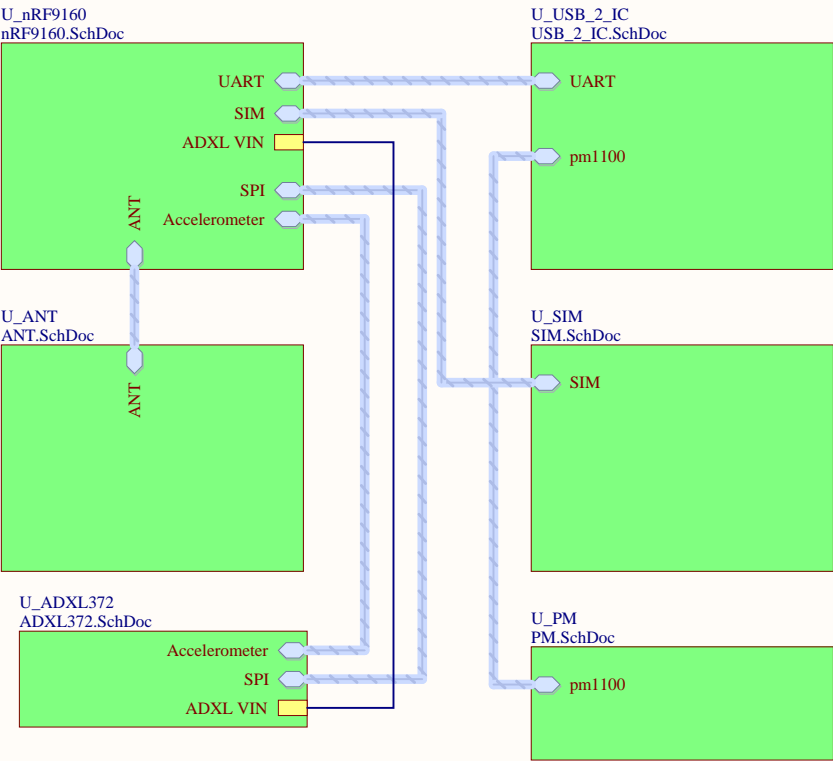


# Sheep Tracker Unit

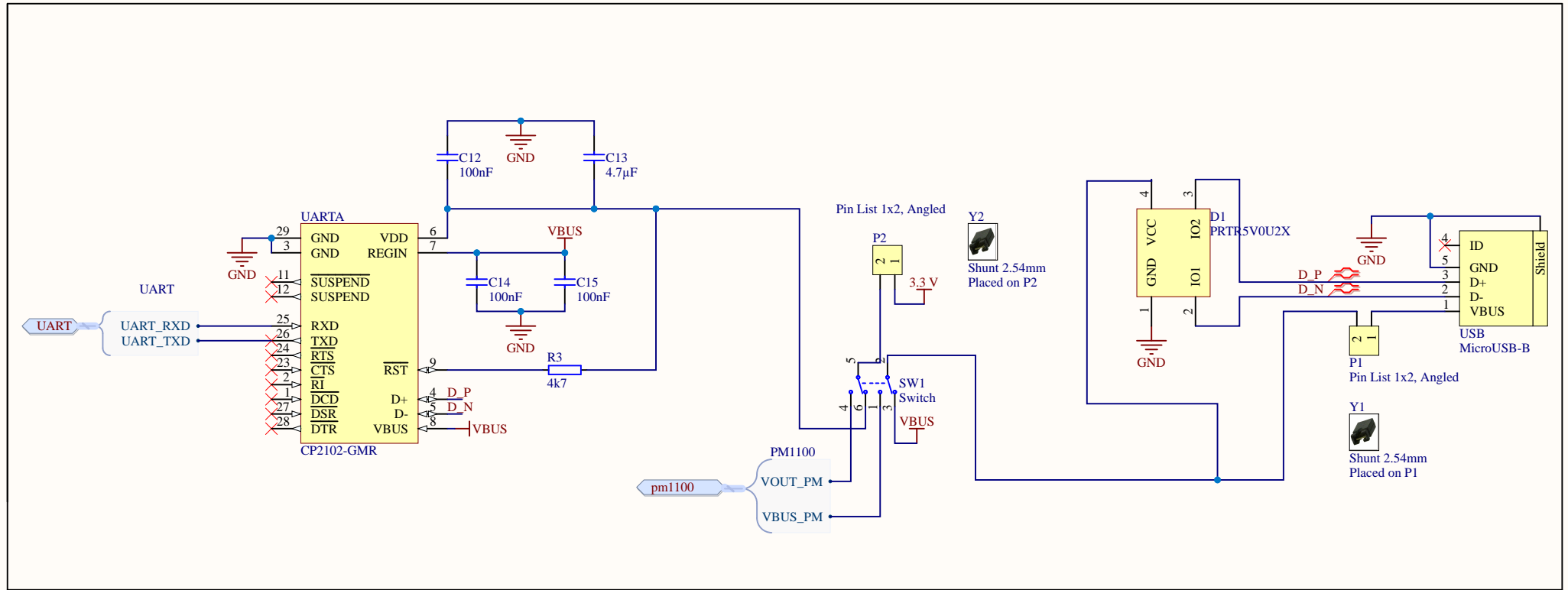
- Sheet 1: Main (overview)
- Sheet 2: nRF9160 MCU
- Sheet 3: Power & UART
- Sheet 4: SIM-card
- Sheet 5: GPS & LTE antenna



Title Sheep Acquisition Unit			
Size A4	Number		Revision V5
Date:	4-25-2022	Sheet of	1 of 7
File:	C:\Users\...\Main.SchDoc	Drawn By:	HMK & EEB

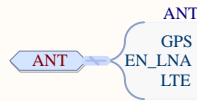


## USB TO UART BRIDGE AND PSU CIRCUIT



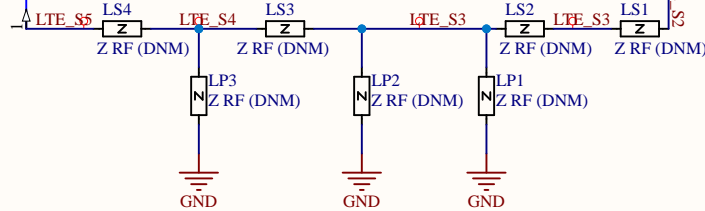
Title			
Sheep Acquisition Unit			
Size	Number		Revision
A4			V5
Date:	4-25-2022	Sheet of	3 of 7
File:	C:\Users\...\USB_2_IC.SchDoc	Drawn By:	HMK & EEB





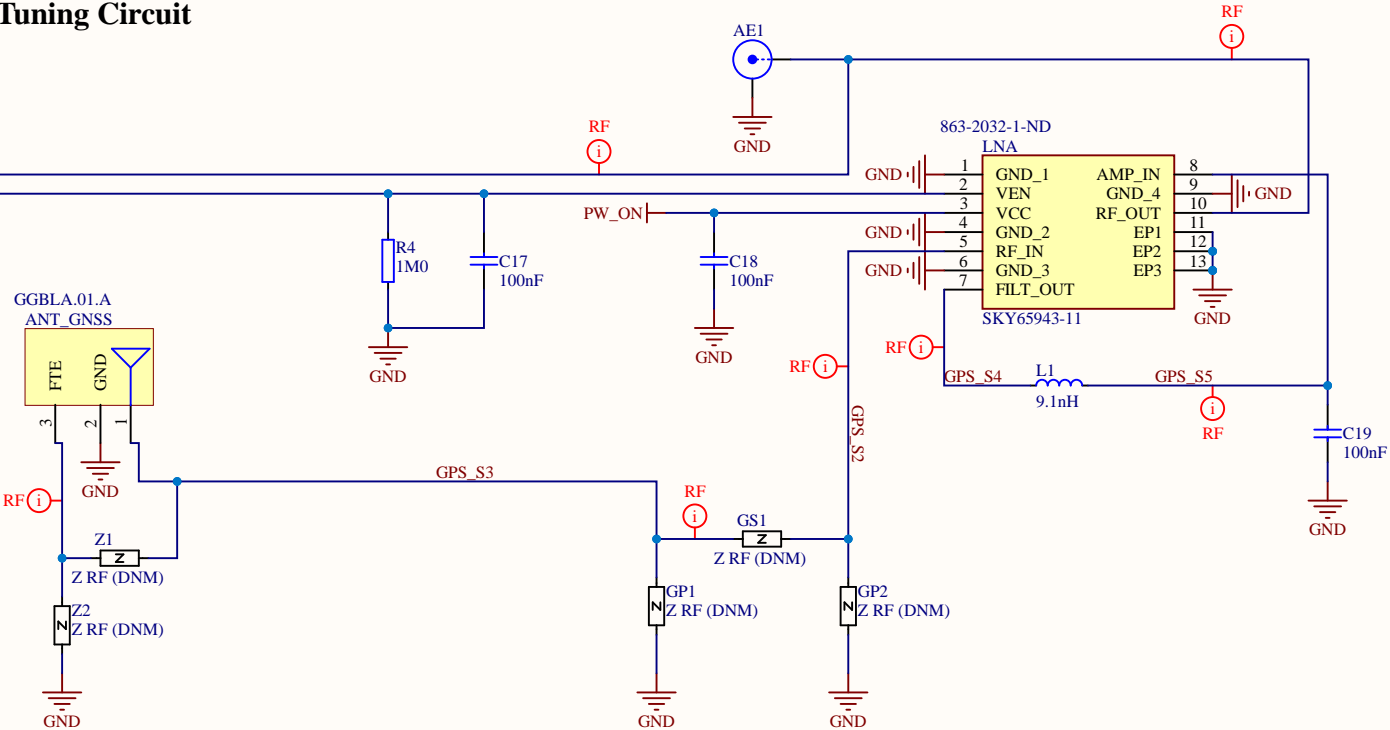
### LTE Tuning Circuit

2115-NN02-220CT-ND  
ANT\_LTE



### GPS Tuning Circuit

GGBLA.01.A  
ANT\_GNSS

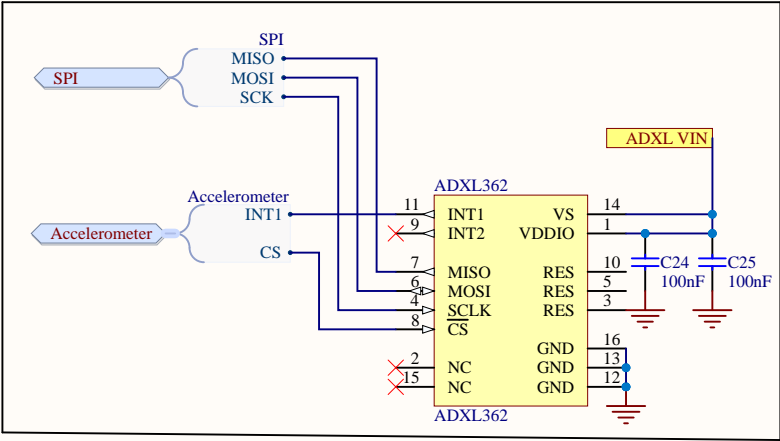


C_EN_LNA_FIL	C17	Z_GPS_SERIES	L3	LTE EXT ANT	AE2
R_EN_LNA_FIL	R4	Z_GPS_PAR1	L4		
C_OPTIONAL	C18	Z_LTE_PAR2	L5		
R_WTF	R5	Z_LTE_SERIES	L6		
C_OPTIONAL_100nF	C19	Z_LTE_PAR1	L7		
L_LNA_FILT	L1	GPS ANTENNA	A1		
R_WTF2	R6	LTE ANTENNA	A2		
Z_GPS_PAR2	L2	GPS EXT ANT	AE1		

Title Sheep Acquisition Unit		
Size A3	Number	Revision V5
Date: 4-25-2022	Sheet of 5 of 7	
File: C:\Users\...\ANT.SchDoc	Drawn By: HMK & EEB	



ADXL362 - Accelerometer



Title			
Sheep Acquisition Unit			
Size	Number		Revision
A4			V5
Date:	4-25-2022	Sheet of	7 of 7
File:	C:\Users\...\ADXL372.SchDoc	Drawn By:	HMK & EEB