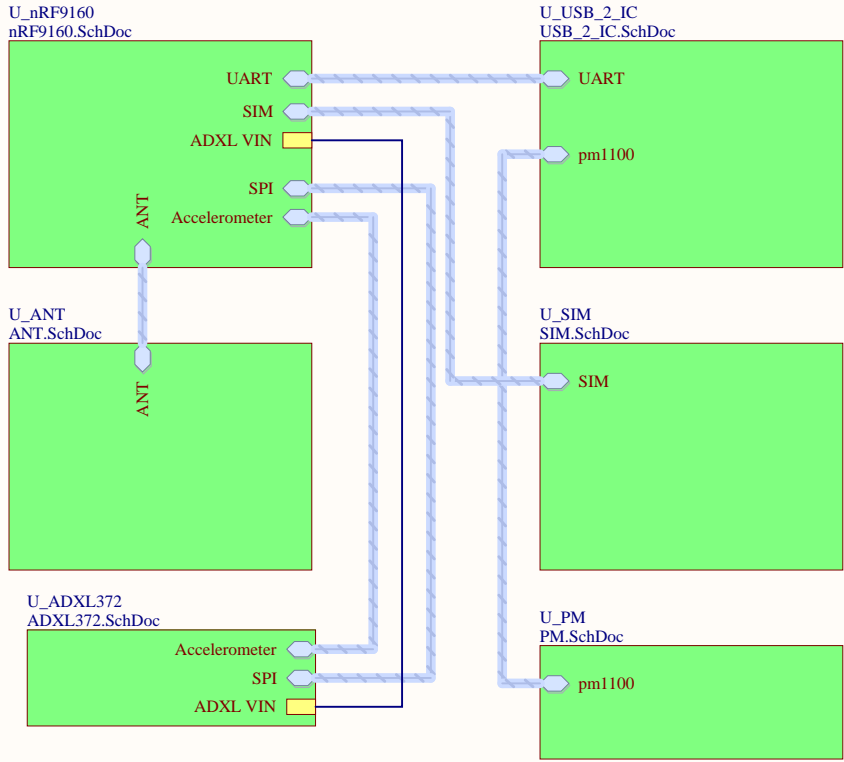


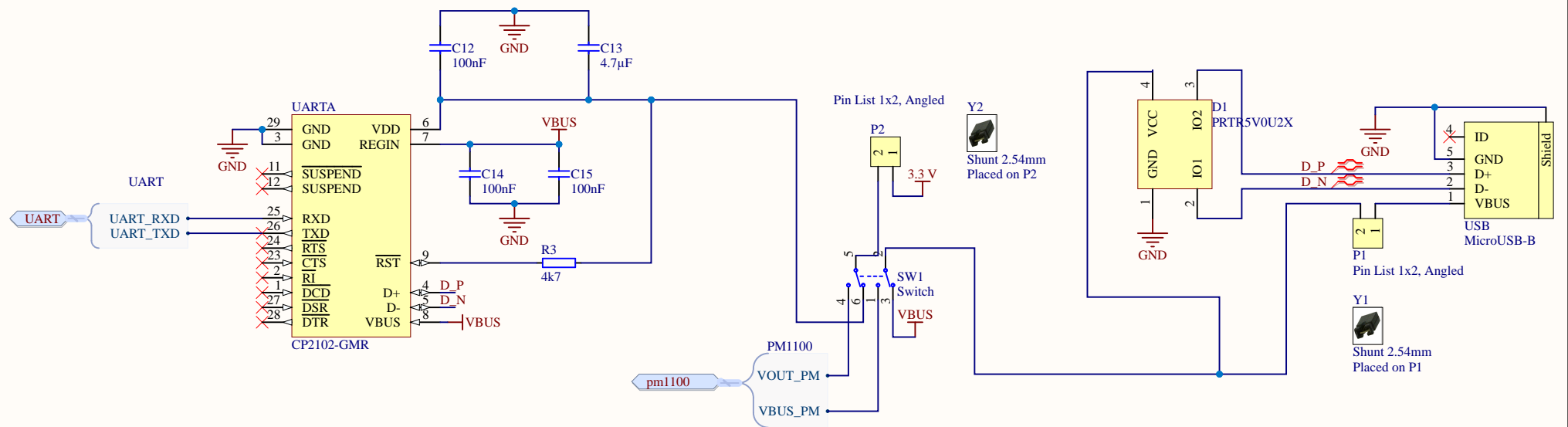
Sheep Tracker Unit

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

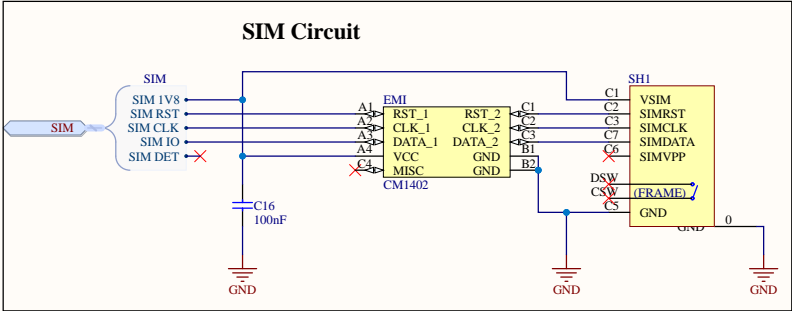


Title Sheep Acquisition Unit		
Size A4	Number	Revision V5
Date:	4-25-2022	Sheet of 1 of 7
File:	C:\Users\...\Main.SchDoc	Drawn By: HMK & EEB

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



C_SIM1V8 C16
SIM HOLDER SH1
SIM EMI FILTER SF

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

A

B

C

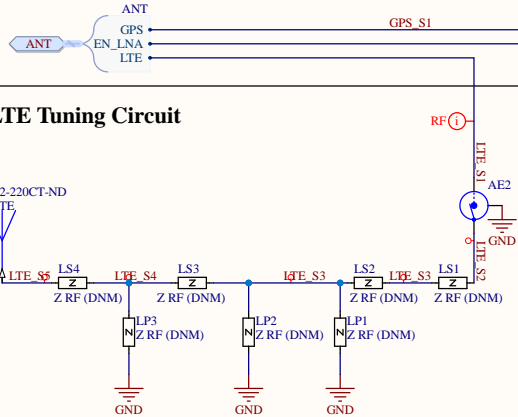
D

A

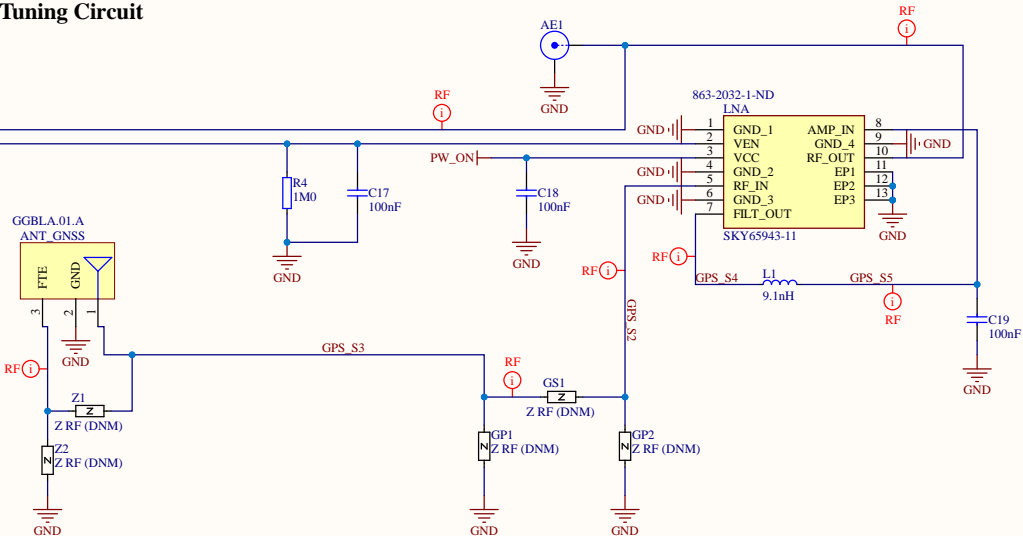
B

C

D



GPS Tuning Circuit

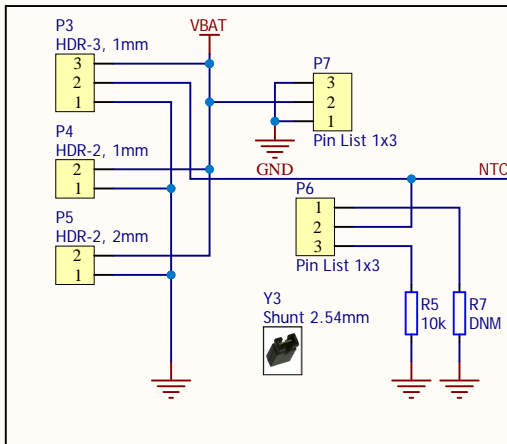


C_EN_LNA_FIL	C17	Z_GPS_SERIES	L3	LTE EXT ANT	AE2
R_EN_LNA_FIL	R4	Z_GPS_PAR1	L4		
C_OPTIONAL	C18	Z_LTE_PAR2	L5		
R_WTF	R5	Z_LTE_SERIES	L6		
C_OPTIONAL_100nF	C19	Z_LTE_PAR1	L7		
L_LNA_FILT	L1	GPS ANTENNA	A1		
R_WTF2	R6	LTE ANTENNA	A2		
Z_GPS_PAR2	L2	GPS EXT ANT	AE1		

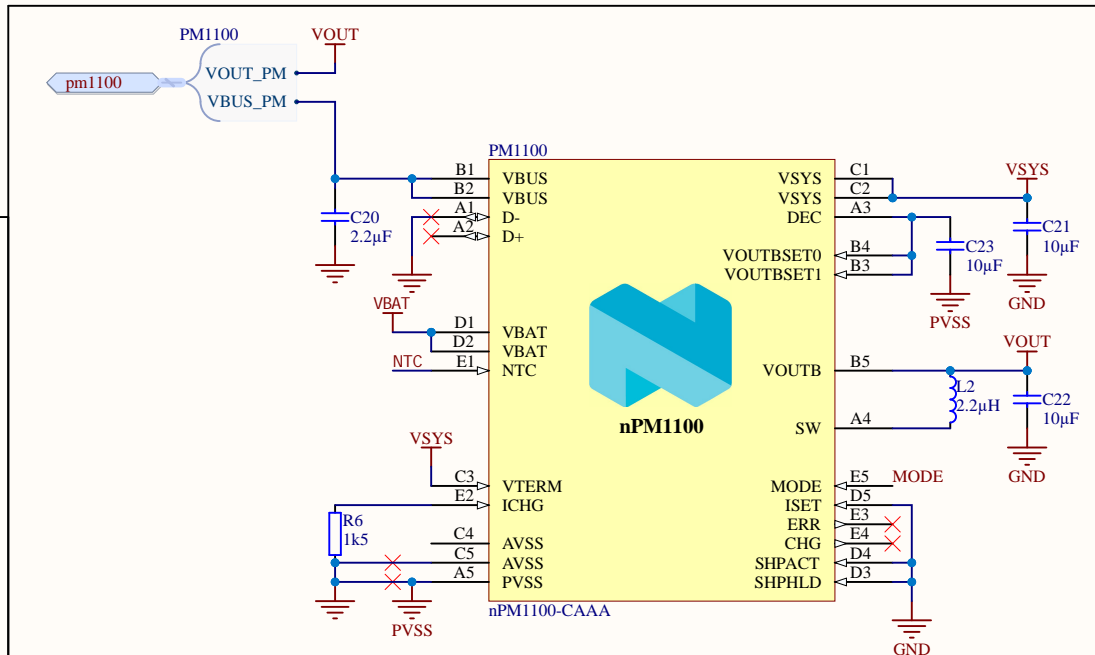
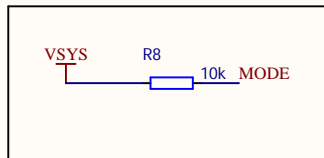
Title		
Sheep Acquisition Unit		
Size	Number	Revision
A3		V5
Date:	4-25-2022	Sheet of 5 of 7
File:	C:\Users\j\ANT.SchDoc	Drawn By: HMK & EEB

Battery Charger - npm1100

Battery Sockets

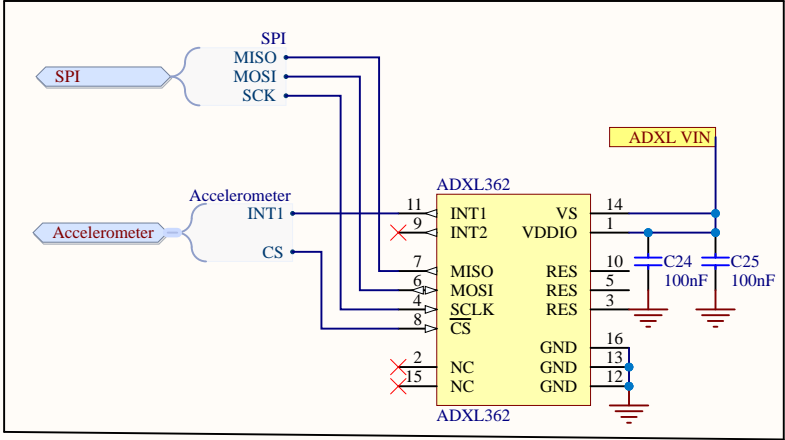


Mode Configuration



Title		
Sheep Acquisition Unit		
Size	Number	Revision
A4		V5
Date:	4-25-2022	Sheet of 6 of 7
File:	C:\Users\...\PM.SchDoc	Drawn By: HMK & EEB

ADXL362 - Accelerometer



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

