Nordic Semiconductor ASA

nRF9160 Tracker

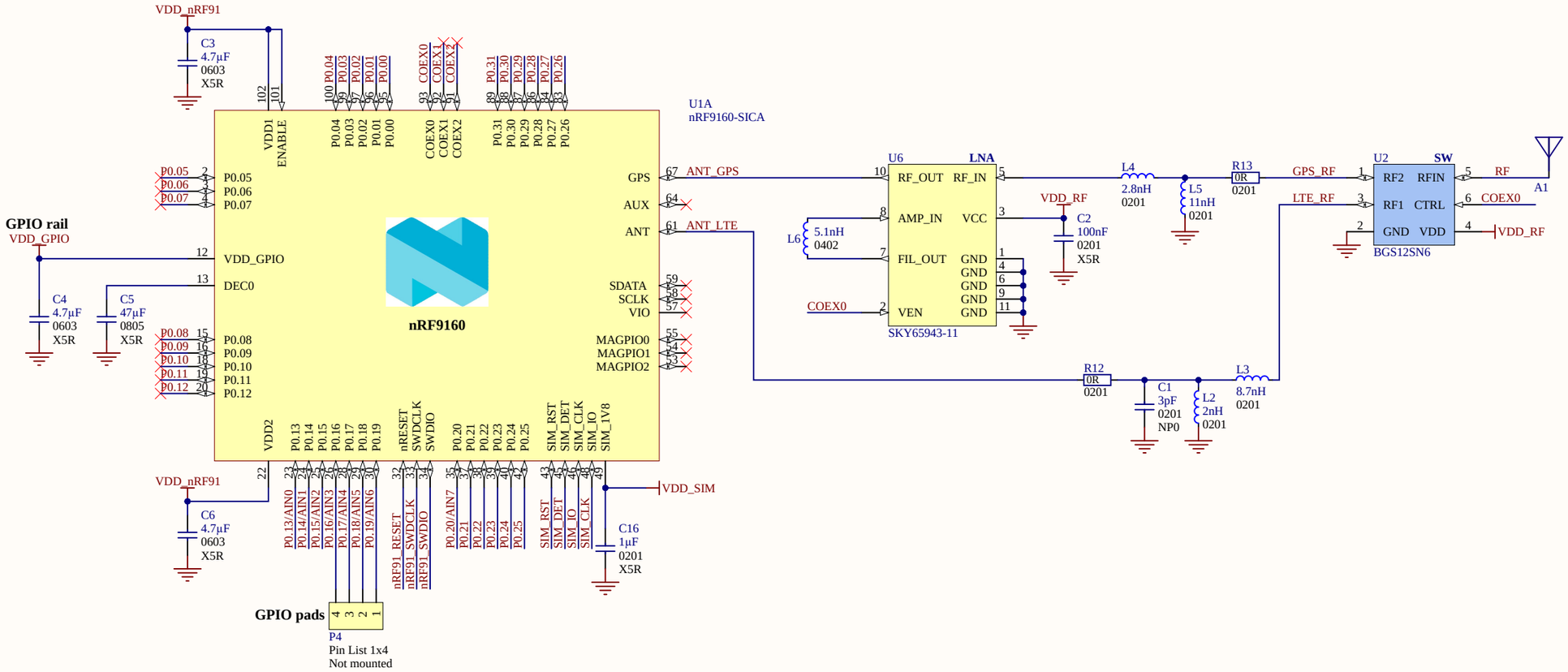
Sheet 1: Main Cover
Sheet 2: nRF9160, SIM and GPIOs
Sheet 3: Power
Sheet 4: Sensors and I/Os

Errata since v0.1.0:
VSYS on PWR_ON1 and COEX0 on RF frontend.

Errata since v0.1.1:
RF switch is flipped back to correct posision.

Title: *Main*		
Version: 0.1.2	Status: Prototype	Sheet 1 of 4
Drawn by: EISK		Size: A3
Date: 18.06.2020		File: _main.SchDoc

NORDIC SEMICONDUCTOR

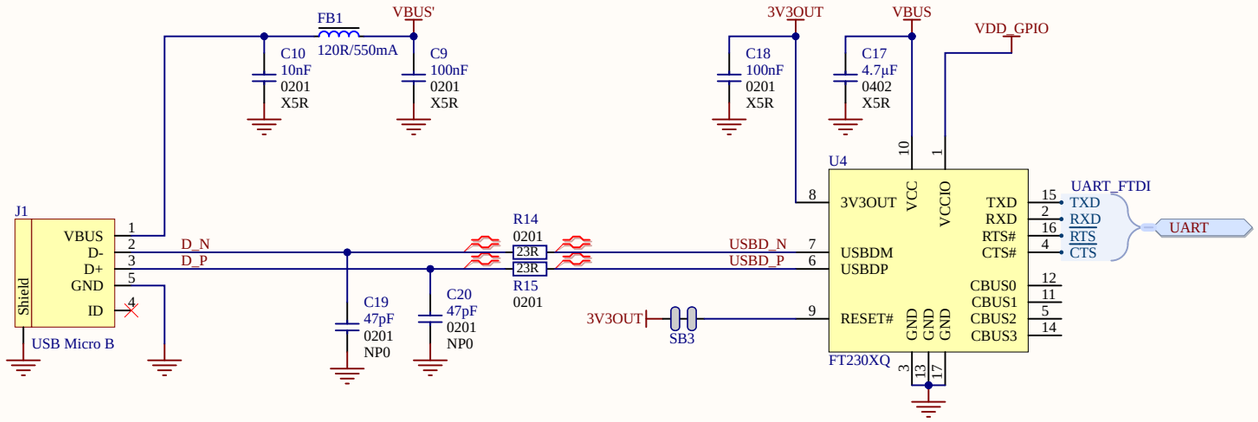


COEX	State	Band	Frequency	GPS LNA ENABLE
0	RF1 - RFIN	2U/D, 3U/D, 4U/D	1710 MHz - 2200 MHz	0
1	RF2 - RFIN	GPS	1574 MHz - 1577 MHz	1

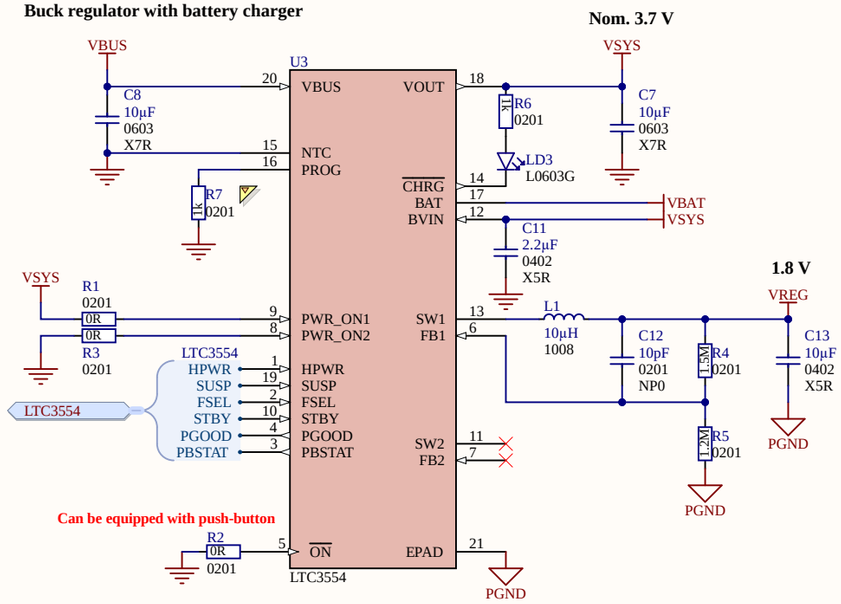
H1
3mm

Title: *nRF9160, SIM and GPIOs*		
Version: 0.1.2	Status: Prototype	Sheet 2 of 4
Drawn by: EISK		Size: A3
Date: 18.06.2020		File: _nRF9160.SchDoc

USB connector and UART interface

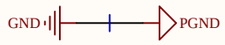


Buck regulator with battery charger



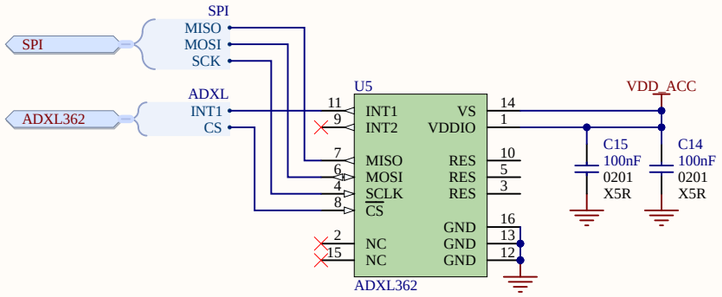
Battery connector and switch

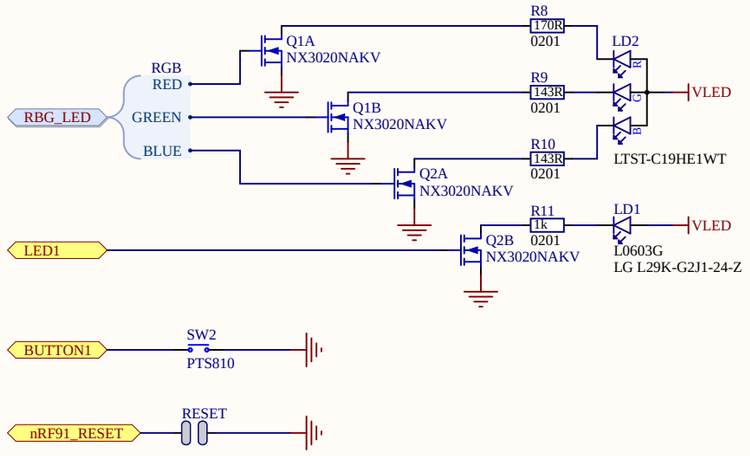
Star points



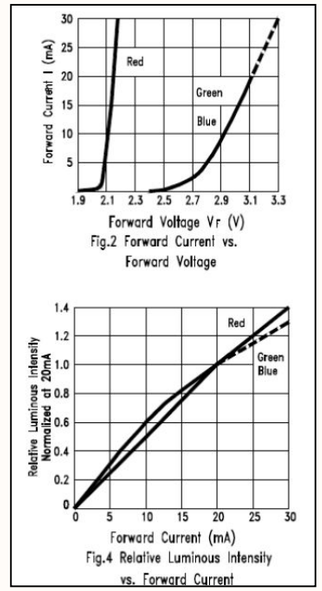
Title: ***Power***		
Version: 0.1.2	Status: Prototype	Sheet 3 of 4
Drawn by: EISK		Size: A3
Date: 18.06.2020		File: _power.SchDoc

NORDIC SEMICONDUCTOR

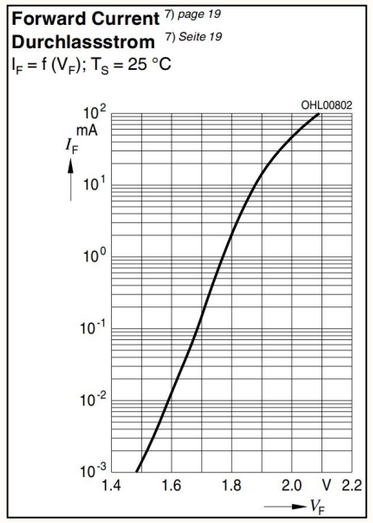




RGB-LED curves



Green LED forward current and voltage



Title: *Sensors and I/Os*			NORDIC SEMICONDUCTOR
Version: 0.1.2	Status: Prototype	Sheet 4 of 4	
Drawn by: EISK		Size: A3	
Date: 18.06.2020		File: _sensors_and_IOs.SchDoc	