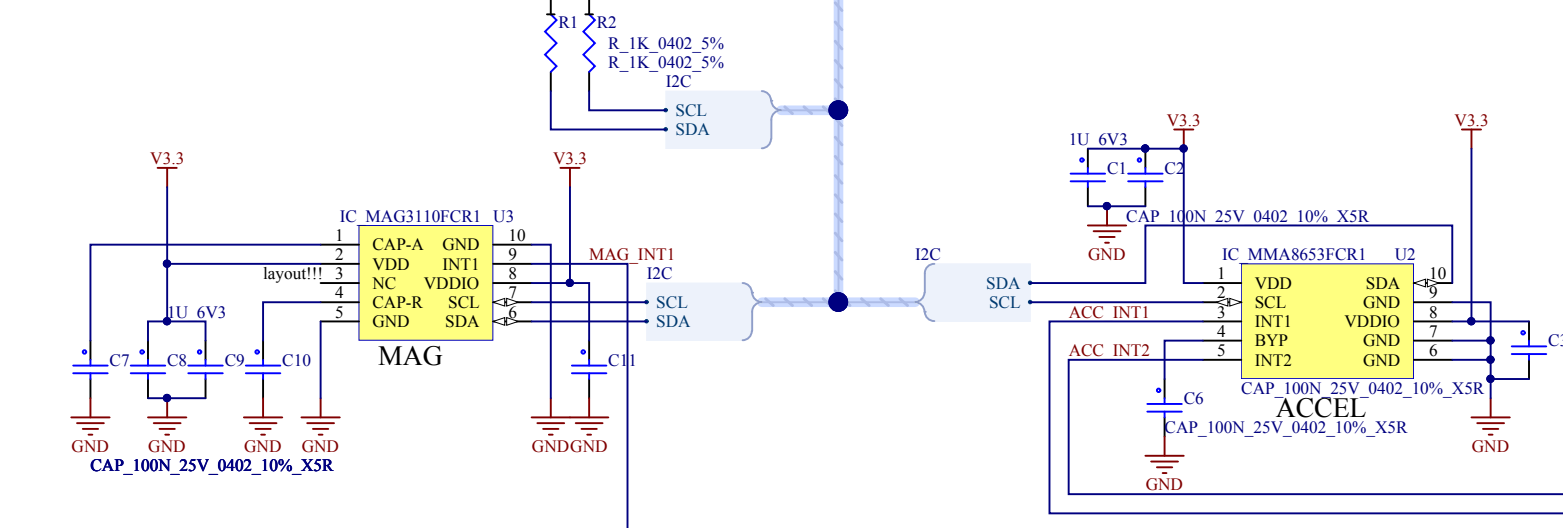
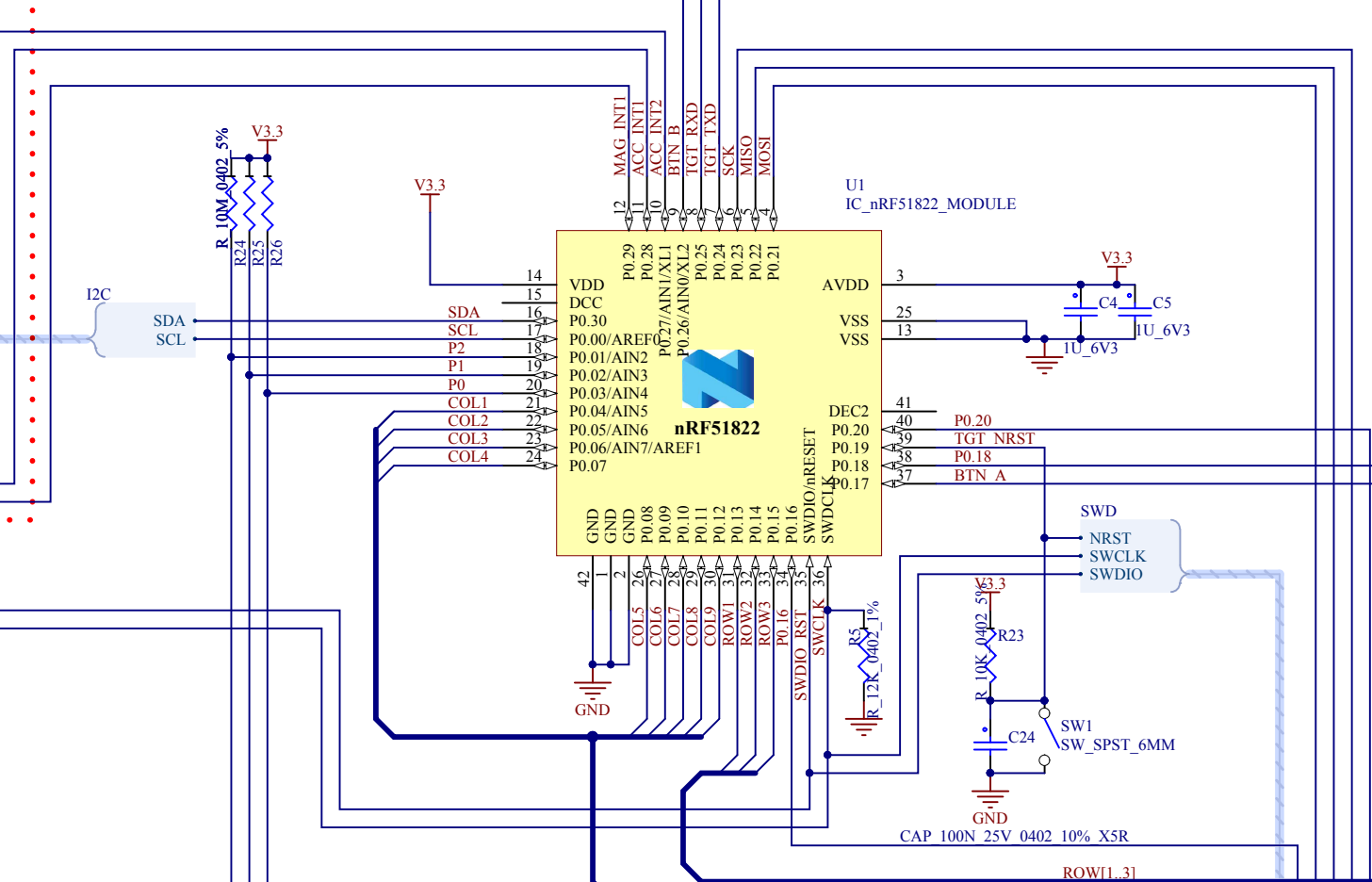


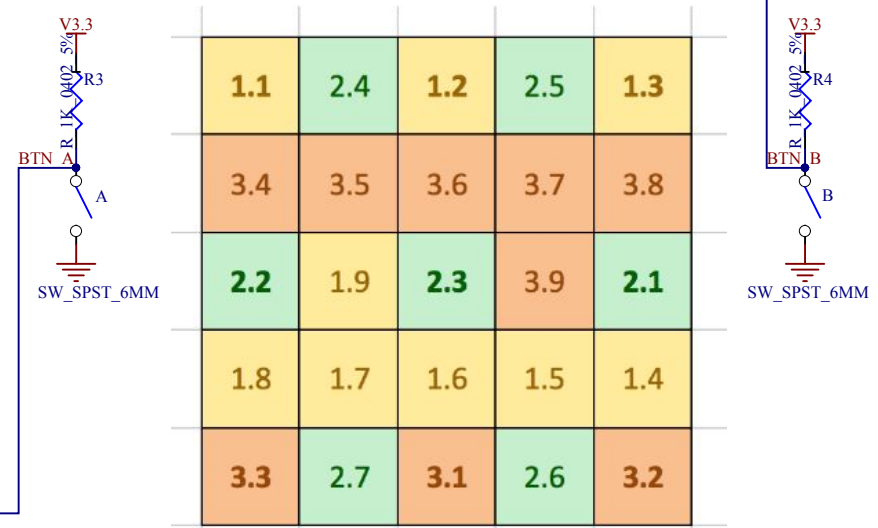
### Magnetometer, Accelerometer



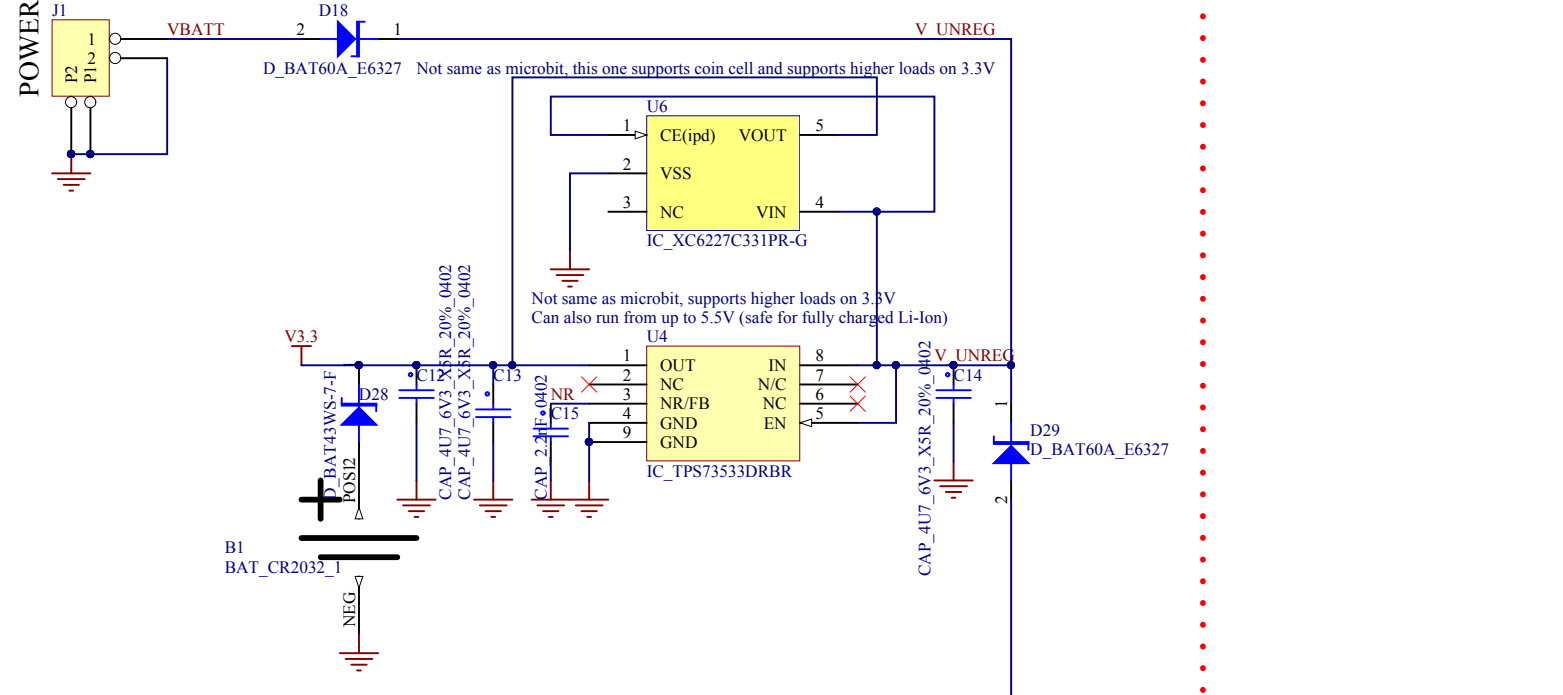
### nRF Module



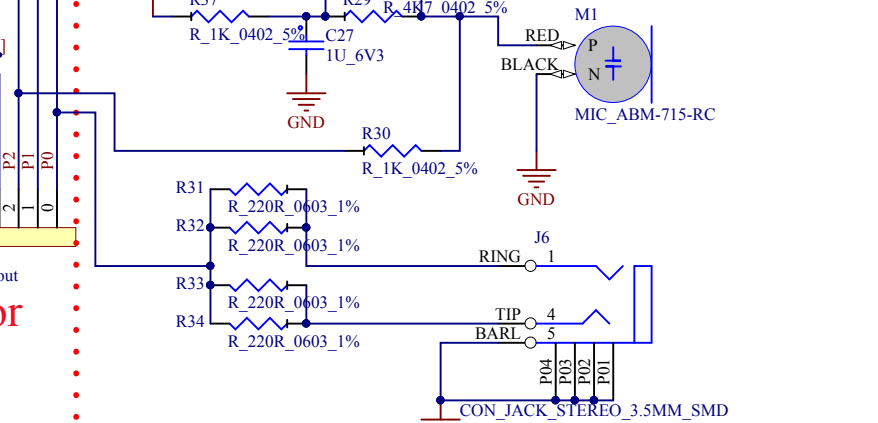
### Front Side parts



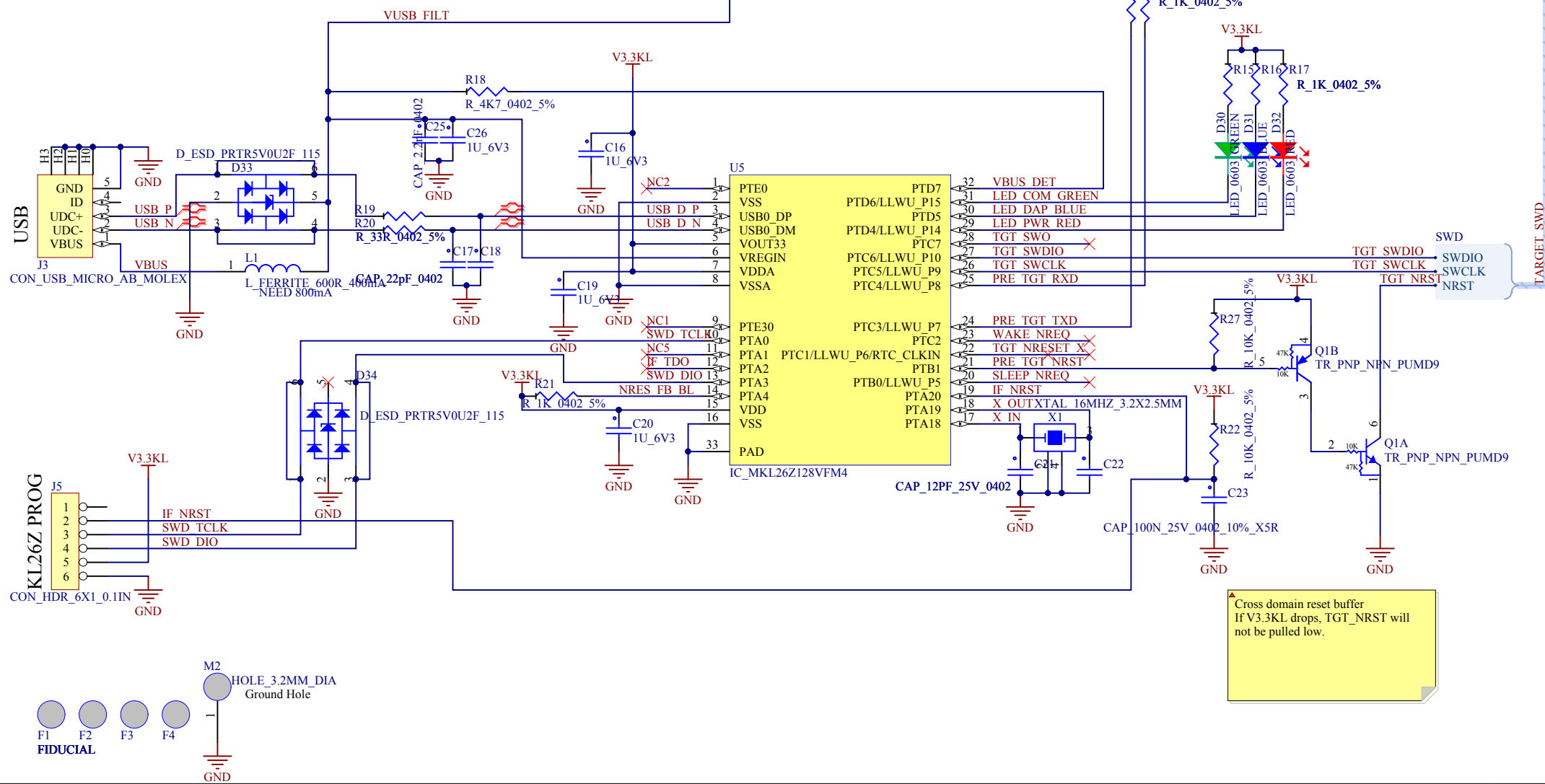
### Power



### Audio Expansion



### Programmer



### Expansion 3V Power



### Expansion Connector



# Expansion Area

Changes:  
 IF\_NRST now pulled up to 3.3V, not 3.3V\_KL  
 Proper cross-domain reset won't assert reset to nRF when programmer micro powers down.  
 Still not immune to serial data powering up the programmer from the nRF, though. Could be a power drain if not parked low. 1K resistors added  
 Coin cell Schottky replaced with lower current, less reverse leakage part  
 Changed battery holder for something less annoying.

To fix:  
 \* Spin accel & mag  
 \* Big plus on battery conn  
 \* Microphone more sane  
 \* Refactor  
 Add i2c address table?

P0.3 on MCU -> P0 -> pin 0 of connector. Also connected to speaker  
 P0.2 on MCU -> P1 -> pin 1 of connector.  
 P0.1 on MCU -> P2 -> pin 2 of connector. Also connected to MIC

P0 WAS PAD1  
 P1 WAS PAD2  
 P2 WAS PAD3

Cross domain reset buffer  
 If V3.3KL drops, TGT\_NRST will not be pulled low.