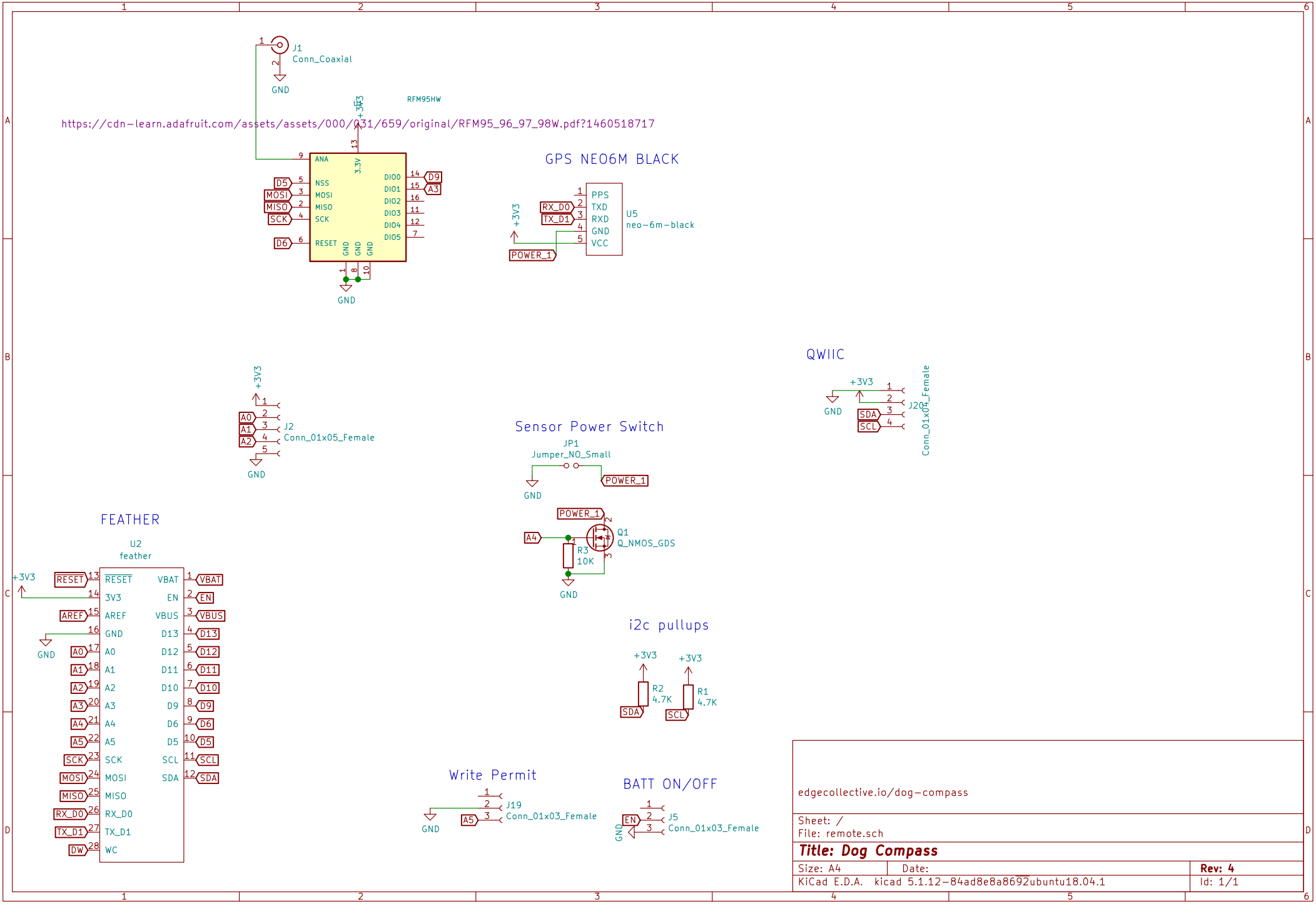
J1
Conn_Coaxial
GND
RFM95HW
https://cdn-learn.adafruit.com/assets/assets/000/031/659/original/RFM95_96_97_98W.pdf?1460518717
+3V3
ANA
3.3V
NSS
MOSI
MISO
SCK
RESET
GND
DIO0
DIO1
DIO2
DIO3
DIO4
DIO5
D5
MOSI
MISO
SCK
D6
D9
A3
GND
GPS NEO6M BLACK
+3V3
RX_D0
TX_D1
POWER_1
PPS
TXD
RXD
GND
VCC
U5
neo-6m-black
QWIIC
+3V3
GND
SDA
SCL
J20
Conn_01x04_Female
+3V3
A0
A1
A2
J2
Conn_01x05_Female
GND
Sensor Power Switch
JP1
Jumper_NO_Small
GND
POWER_1
POWER_1
A4
Q1
Q_NMOS_GDS
R3
10K
GND
FEATHER
U2
feather
+3V3
RESET
3V3
AREF
GND
A0
A1
A2
A3
A4
A5
SCK
MOSI
MISO
RX_D0
TX_D1
DW
VBAT
EN
VBUS
D13
D12
D11
D10
D9
D6
D5
SCL
SDA
GND
i2c pullups
+3V3
+3V3
R2
4.7K
R1
4.7K
SDA
SCL
Write Permit
J19
Conn_01x03_Female
A5
GND
BATT ON/OFF
J5
Conn_01x03_Female
EN
GND
edgecollective.io/dog-compass
Sheet: /
File: remote.sch
Title: Dog Compass
Size: A4
Date:
Rev: 4
KiCad E.D.A. kicad 5.1.12-84ad8e8a8692ubuntu18.04.1
Id: 1/1