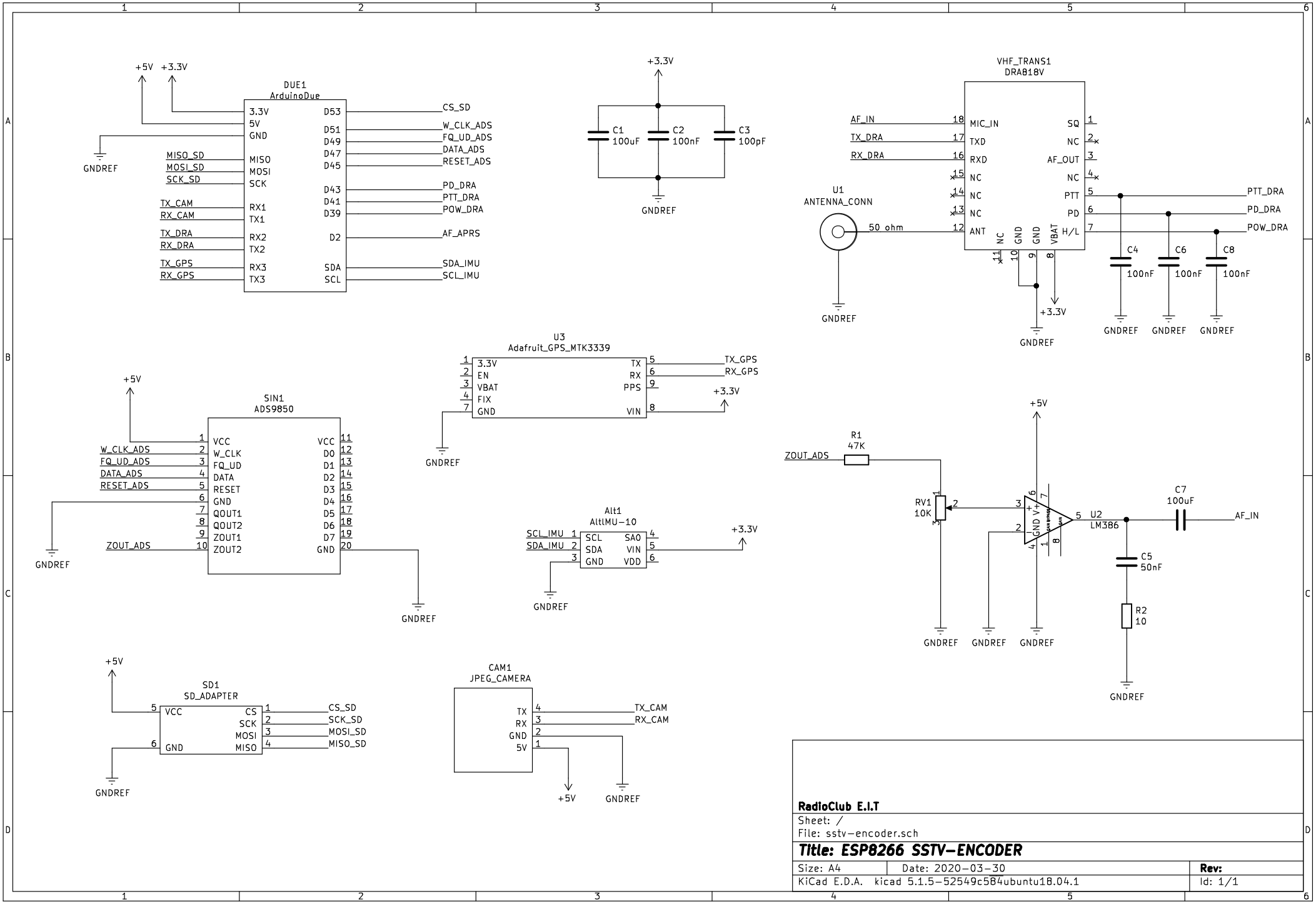
DUE1
ArduinoDue
3.3V
5V
GND
MISO
MOSI
SCK
RX1
TX1
RX2
TX2
RX3
TX3
D53
D51
D49
D47
D45
D43
D41
D39
D2
SDA
SCL
CS_SD
W_CLK_ADS
FQ_UD_ADS
DATA_ADS
RESET_ADS
PD_DRA
PTT_DRA
POW_DRA
AF_APRS
SDA_IMU
SCL_IMU
MISO_SD
MOSI_SD
SCK_SD
TX_CAM
RX_CAM
TX_DRA
RX_DRA
TX_GPS
RX_GPS
+5V
+3.3V
GNDREF
C1
100uF
C2
100nF
C3
100pF
VHF_TRANS1
DRA818V
MIC_IN
TXD
RXD
NC
ANT
SQ
AF_OUT
PTT
PD
H/L
VBAT
AF_IN
U1
ANTENNA_CONN
50 ohm
C4
C6
C8
U3
Adafruit_GPS_MTK3339
EN
VBAT
FIX
TX
RX
PPS
VIN
SIN1
ADS9850
VCC
W_CLK
FQ_UD
DATA
RESET
QOUT1
QOUT2
ZOUT1
ZOUT2
D0
D1
D2
D3
D4
D5
D6
D7
ZOUT_ADS
Alt1
AltIMU-10
SCL
SDA
SA0
VDD
R1
47K
RV1
10K
U2
LM386
C7
100uF
C5
50nF
R2
10
SD1
SD_ADAPTER
CS
SCK
MOSI
MISO
CAM1
JPEG_CAMERA
RadioClub E.I.T
Sheet: /
File: sstv-encoder.sch
Title: ESP8266 SSTV-ENCODER
Size: A4
Date: 2020-03-30
Rev:
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1
Id: 1/1