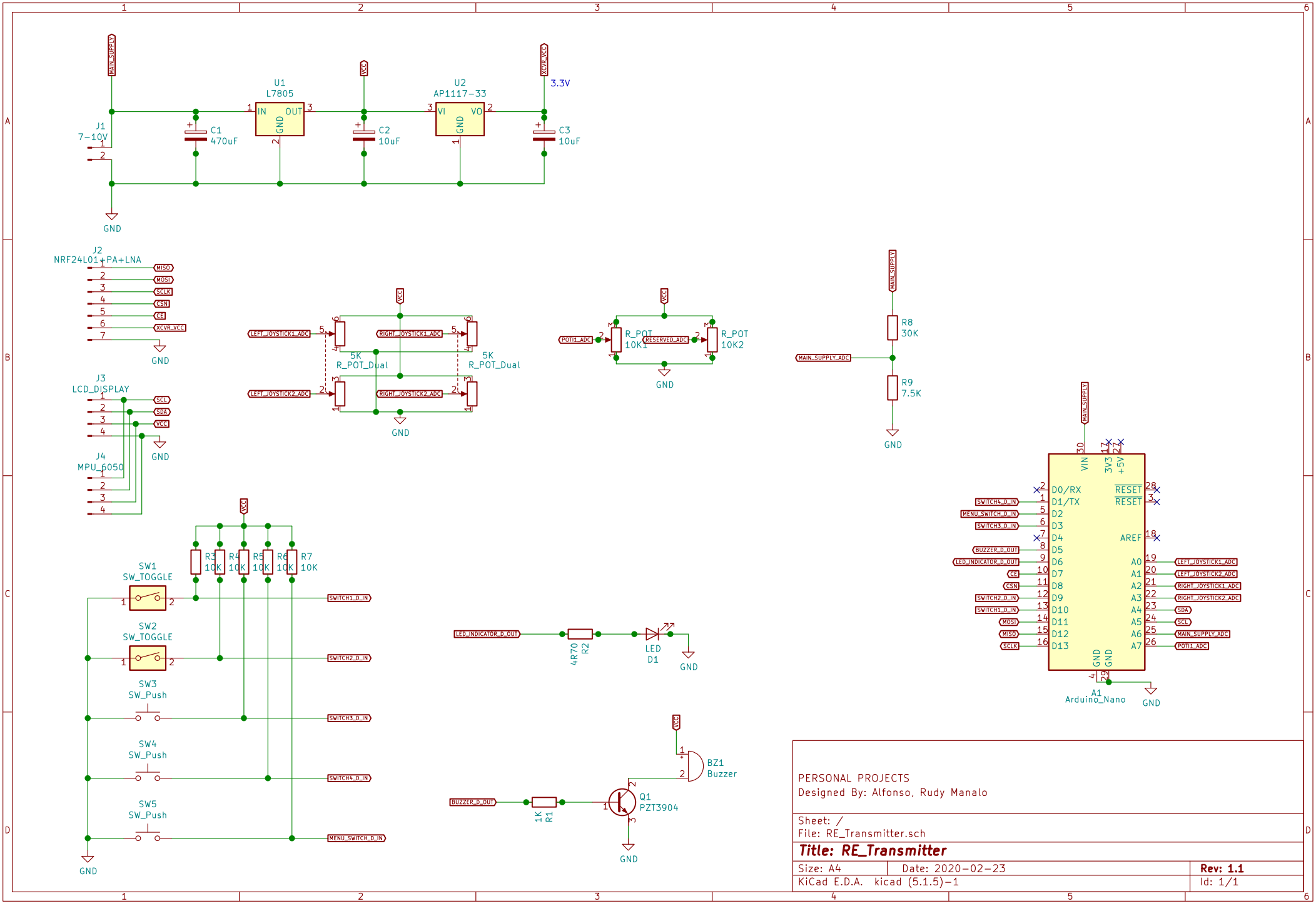
MAIN_SUPPLY
J1
7-10V
C1
470uF
U1
L7805
IN
OUT
GND
VCC
C2
10uF
U2
AP1117-33
VI
VO
XCVR_VCC
3.3V
C3
10uF
J2
NRF24L01+PA+LNA
MISO
MOSI
SCLK
CSN
CE
XCVR_VCC
J3
LCD_DISPLAY
SCL
SDA
J4
MPU_6050
LEFT_JOYSTICK1_ADC
RIGHT_JOYSTICK1_ADC
5K
R_POT_Dual
LEFT_JOYSTICK2_ADC
RIGHT_JOYSTICK2_ADC
POTI1_ADC
R_POT
10K1
RESERVED_ADC
10K2
MAIN_SUPPLY_ADC
R8
30K
R9
7.5K
SW1
SW_TOGGLE
SW2
SW_TOGGLE
SW3
SW_Push
SW4
SW_Push
SW5
SW_Push
R3
10K
R4
10K
R5
10K
R6
10K
R7
10K
SWITCH1_D_IN
SWITCH2_D_IN
SWITCH3_D_IN
SWITCH4_D_IN
MENU_SWITCH_D_IN
LED_INDICATOR_D_OUT
4R70
R2
LED
D1
BUZZER_D_OUT
1K
R1
Q1
PZT3904
BZ1
Buzzer
VIN
3V3
+5V
D0/RX
D1/TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
RESET
AREF
A0
A1
A2
A3
A4
A5
A6
A7
SDA
SCL
POTI1_ADC
A1
Arduino_Nano
PERSONAL PROJECTS
Designed By: Alfonso, Rudy Manalo
Sheet: /
File: RE_Transmitter.sch
Title: RE_Transmitter
Size: A4
Date: 2020-02-23
Rev: 1.1
KiCad E.D.A. kicad (5.1.5)-1
Id: 1/1