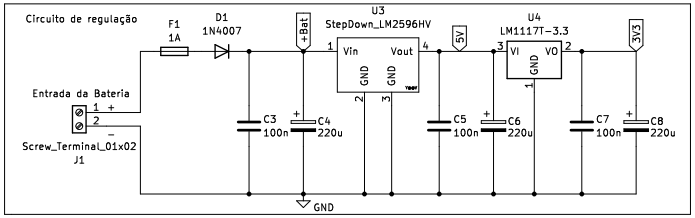
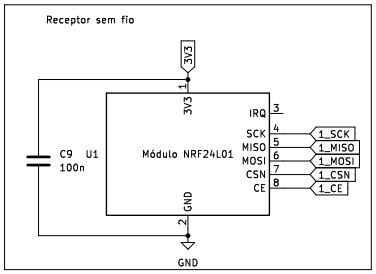
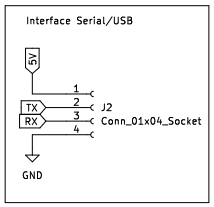
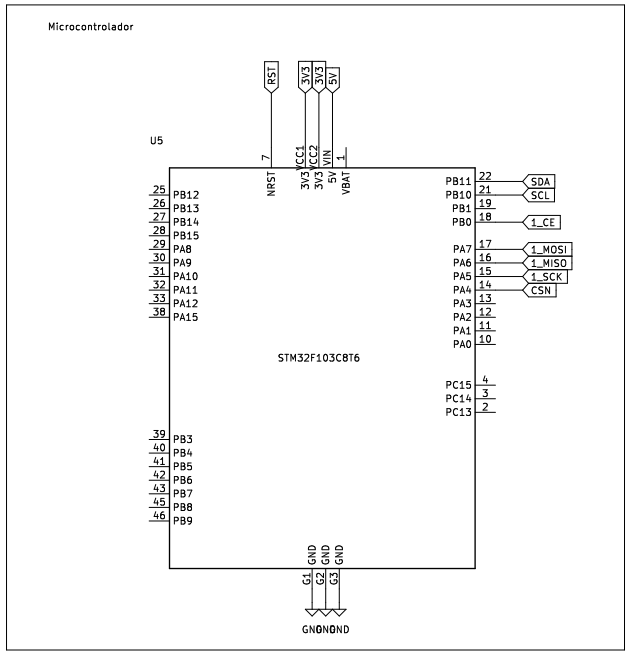
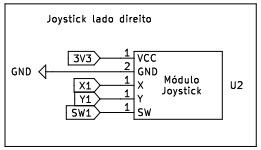
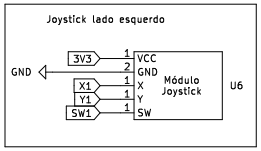

Circuito de regulação
F1
1A
D1
1N4007
+Bat
U3
StepDown_LM2596HV
Vin
Vout
GND
GND
5V
U4
LM1117T-3.3
VI
VO
GND
3V3
Entrada da Bateria
Screw_Terminal_01x02
J1
C3
100n
C4
220u
C5
100n
C6
220u
C7
100n
C8
220u
GND

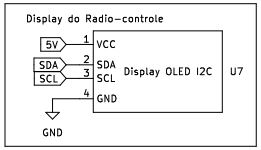

Receptor sem fio
3V3
C9
100n
U1
Módulo NRF24L01
3V3
IRQ
SCK
MISO
MOSI
CSN
CE
GND
1_SCK
1_MISO
1_MOSI
1_CSN
1_CE
GND


Interface Serial/USB
5V
TX
RX
J2
Conn_01x04_Socket
GND


Microcontrolador
RST
3V3
3V3
5V
U5
NRST
VCC1
3V3
VCC2
3V3
VIN
5V
VBAT
PB12
PB13
PB14
PB15
PA8
PA9
PA10
PA11
PA12
PA15
PB11
PB10
PB1
PB0
PA7
PA6
PA5
PA4
PA3
PA2
PA1
PA0
SDA
SCL
1_CE
1_MOSI
1_MISO
1_SCK
CSN
STM32F103C8T6
PC15
PC14
PC13
PB3
PB4
PB5
PB6
PB7
PB8
PB9
G1
GND
G2
GND
G3
GND
GNDGNDGND


Joystick lado direito
GND
3V3
X1
Y1
SW1
VCC
GND
X
Y
SW
Módulo
Joystick
U2


Joystick lado esquerdo
GND
3V3
X1
Y1
SW1
VCC
GND
X
Y
SW
Módulo
Joystick
U6


Display do Radio-controle
5V
SDA
SCL
VCC
SDA
SCL
GND
Display OLED I2C
U7
GND