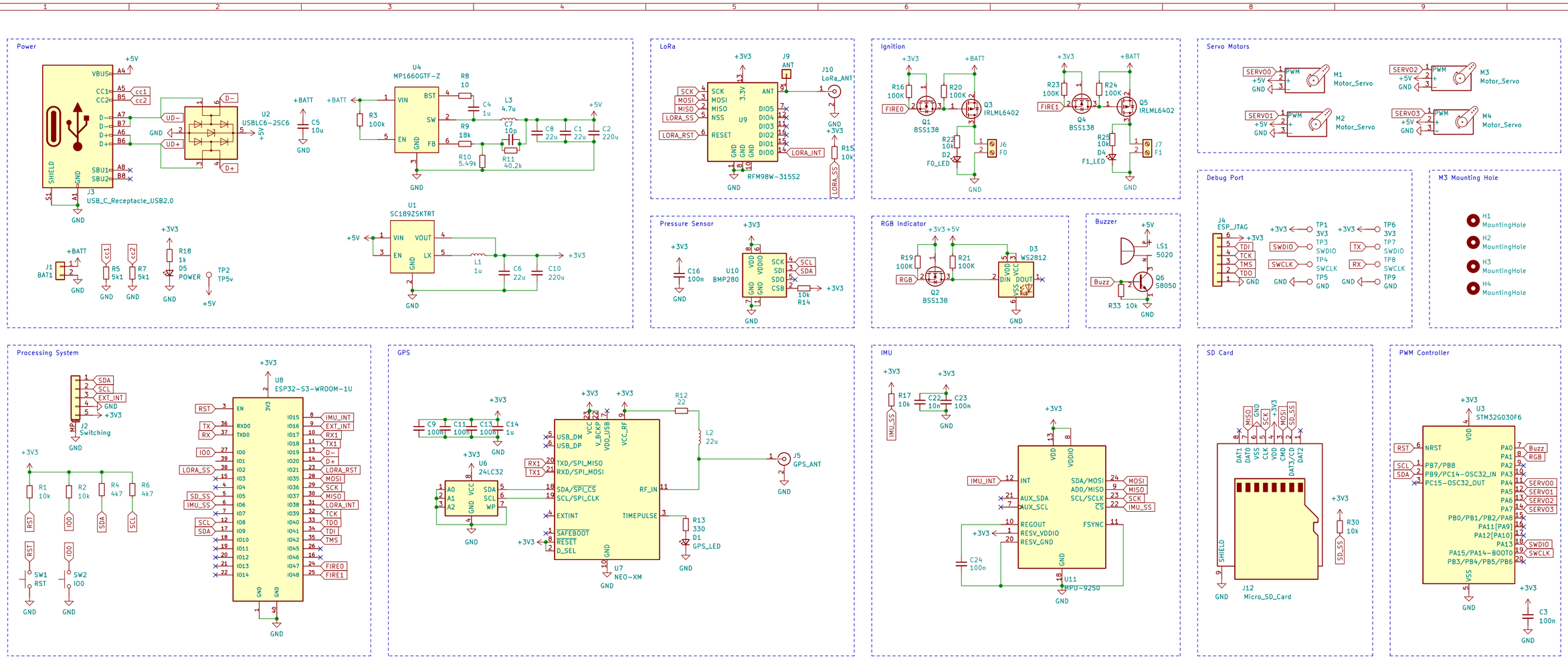
Power
J3
USB_C_Receptacle_USB2.0
U2
USBLC6-2SC6
U4
MP1660GTF-Z
U1
SC189ZSKTRT
J1
BAT1
R5
5k1
R7
5k1
R18
1k
D5
POWER
TP2
TP5v
LoRa
J9
ANT
J10
LoRa_ANT
U9
RFM98W-315S2
Ignition
Q1
BSS138
Q3
IRLML6402
Q4
BSS138
Q5
IRLML6402
J6
F0
J7
F1
Servo Motors
M1
Motor_Servo
M2
Motor_Servo
M3
Motor_Servo
M4
Motor_Servo
Pressure Sensor
U10
BMP280
C16
100n
RGB Indicator
D3
WS2812
Q2
BSS138
Buzzer
LS1
5020
Q6
S8050
Debug Port
J4
ESP_JTAG
TP1
3V3
TP3
SWDIO
TP4
SWCLK
TP5
GND
TP6
3V3
TP7
SWDIO
TP8
SWCLK
TP9
GND
M3 Mounting Hole
H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole
Processing System
J2
Switching
U8
ESP32-S3-WROOM-1U
SW1
RST
SW2
IO0
GPS
U6
24LC32
U7
NEO-XM
J5
GPS_ANT
IMU
U11
MPU-9250
SD Card
J12
Micro_SD_Card
PWM Controller
U3
STM32G030F6
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Size: User
Date: 2023-01-05
Rev: v0.0.1
KiCad E.D.A. kicad (6.0.10-0)
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