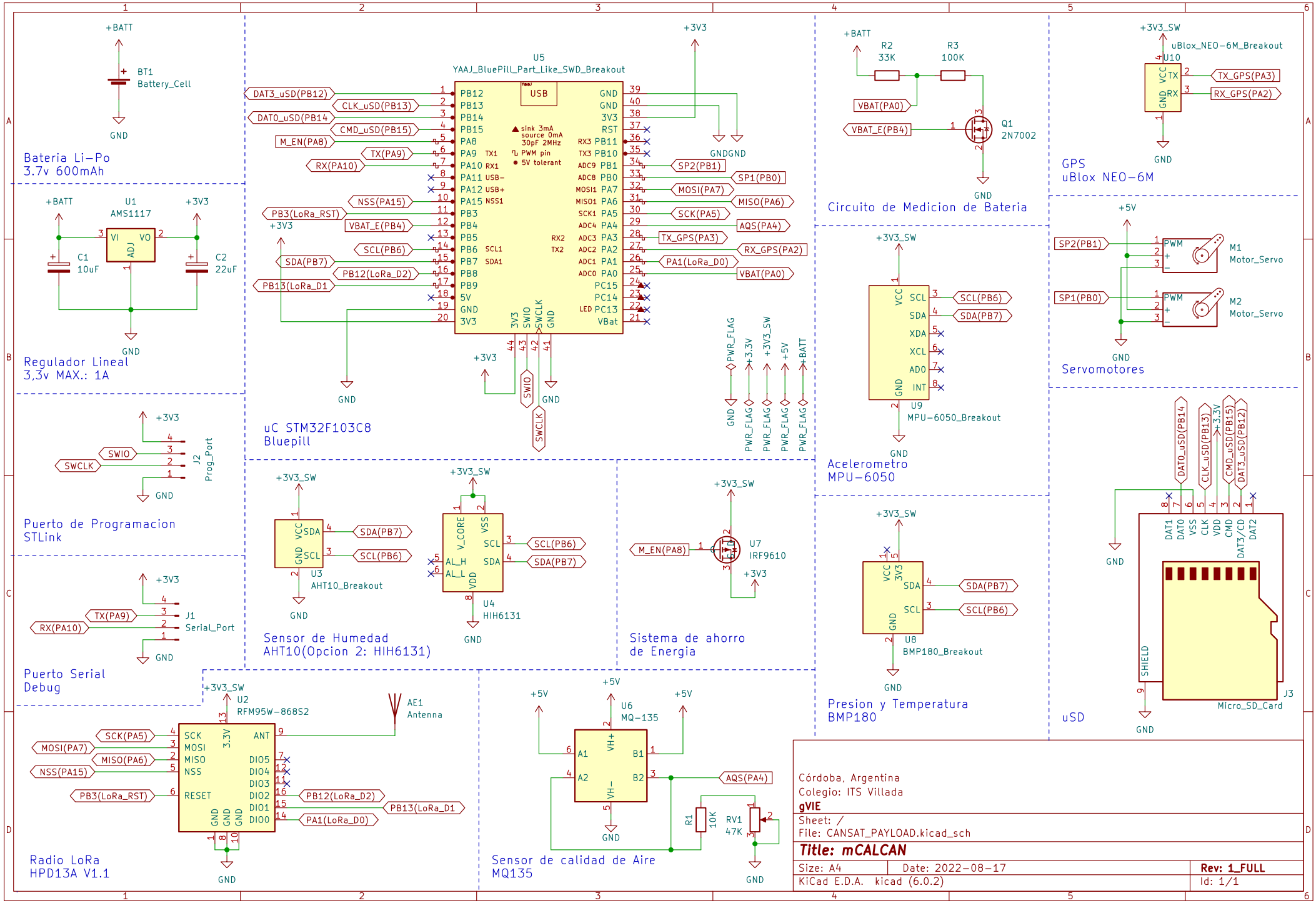
Bateria Li-Po
3.7v 600mAh
BT1
Battery_Cell
Regulador Lineal
3,3v MAX.: 1A
U1
AMS1117
C1
10uF
C2
22uF
uC STM32F103C8
Bluepill
U5
YAAJ_BluePill_Part_Like_SWD_Breakout
Puerto de Programacion
STLink
J2
Prog_Port
Puerto Serial
Debug
J1
Serial_Port
Sensor de Humedad
AHT10(Opcion 2: HIH6131)
U3
AHT10_Breakout
U4
HIH6131
Sistema de ahorro
de Energia
U7
IRF9610
Radio LoRa
HPD13A V1.1
U2
RFM95W-868S2
AE1
Antenna
Sensor de calidad de Aire
MQ135
U6
MQ-135
Circuito de Medicion de Bateria
R2
33K
R3
100K
Q1
2N7002
Acelerometro
MPU-6050
U9
MPU-6050_Breakout
Presion y Temperatura
BMP180
U8
BMP180_Breakout
GPS
uBlox NEO-6M
U10
uBlox_NEO-6M_Breakout
Servomotores
M1
Motor_Servo
M2
Motor_Servo
uSD
J3
Micro_SD_Card
Córdoba, Argentina
Colegio: ITS Villada
gVIE
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File: CANSAT_PAYLOAD.kicad_sch
Title: mCALCAN
Size: A4
Date: 2022-08-17
Rev: 1_FULL
KiCad E.D.A. kicad (6.0.2)
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