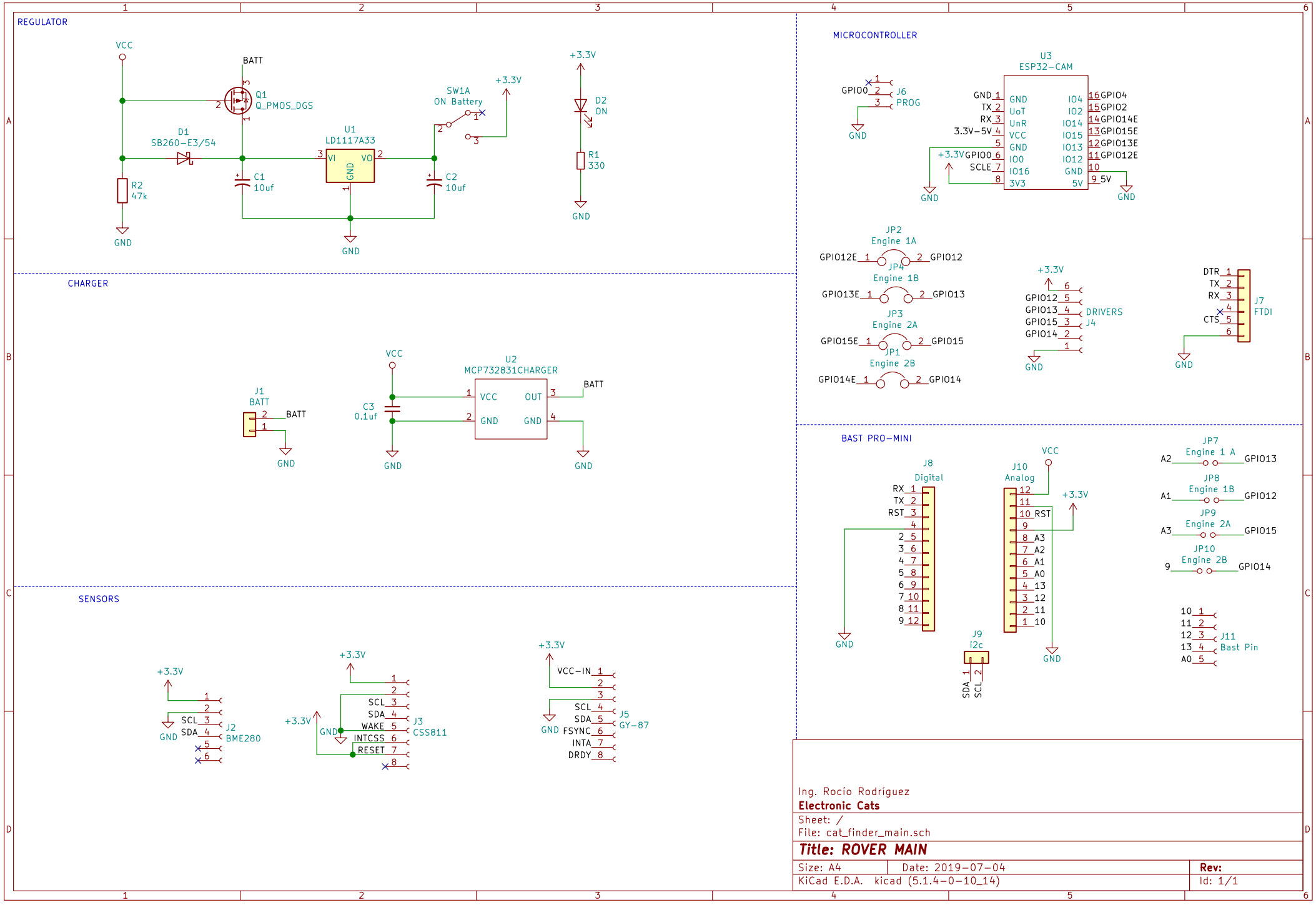
REGULATOR
VCC
BATT
Q1
Q_PMOS_DGS
D1
SB260-E3/54
R2
47k
C1
10uf
U1
LD1117A33
VI
VO
GND
C2
10uf
SW1A
ON Battery
+3.3V
D2
ON
R1
330
GND
CHARGER
J1
BATT
C3
0.1uf
U2
MCP732831CHARGER
VCC
OUT
SENSORS
J2
BME280
SCL
SDA
J3
CSS811
WAKE
INTCSS
RESET
J5
GY-87
VCC-IN
FSYNC
INTA
DRDY
MICROCONTROLLER
J6
PROG
U3
ESP32-CAM
GPIO0
GPIO2
GPIO14E
GPIO15E
GPIO13E
GPIO12E
5V
JP2
Engine 1A
JP4
Engine 1B
JP3
Engine 2A
JP1
Engine 2B
GPIO12
GPIO13
GPIO15
GPIO14
DRIVERS
J4
J7
FTDI
DTR
TX
RX
CTS
BAST PRO-MINI
J8
Digital
J10
Analog
RST
A0
A1
A2
A3
J9
i2c
JP7
Engine 1 A
JP8
Engine 1B
JP9
Engine 2A
JP10
Engine 2B
J11
Bast Pin
Ing. Rocío Rodríguez
Electronic Cats
Sheet: /
File: cat_finder_main.sch
Title: ROVER MAIN
Size: A4
Date: 2019-07-04
Rev:
KiCad E.D.A. kicad (5.1.4-0-10_14)
Id: 1/1