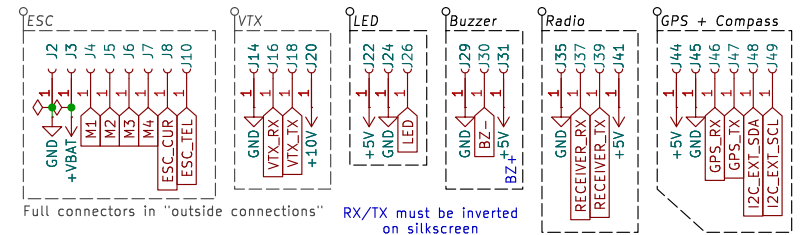
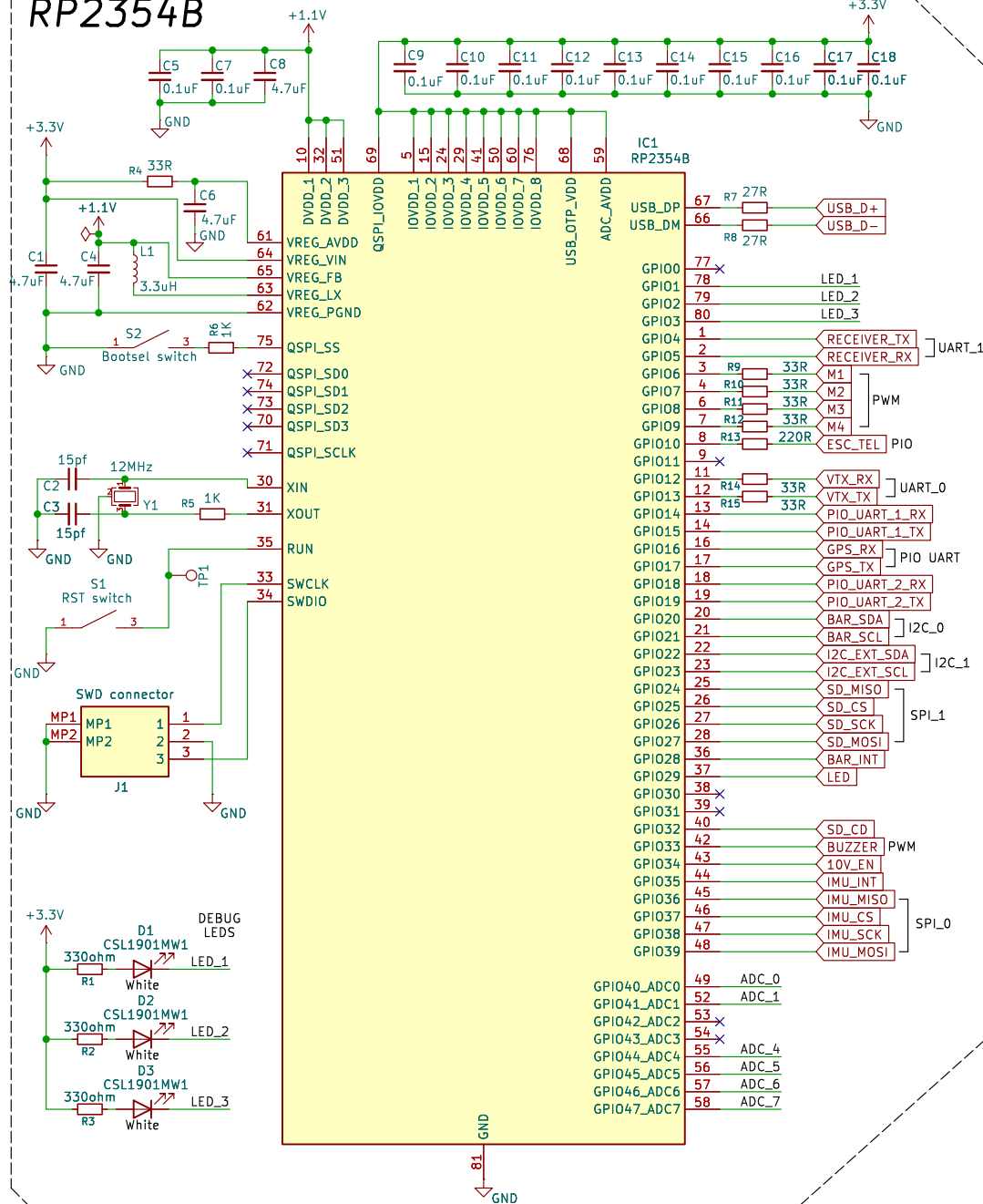
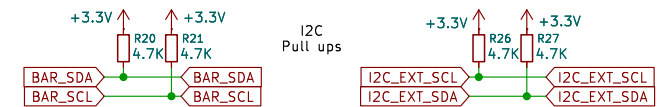
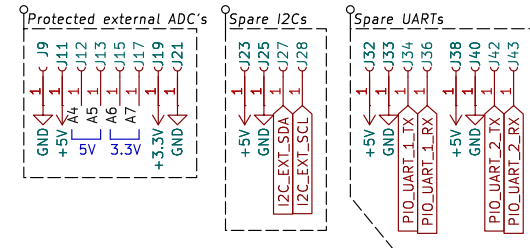


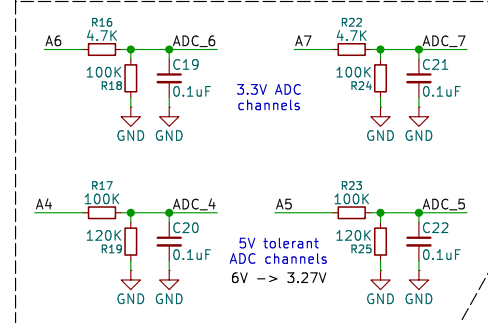
RP2354B



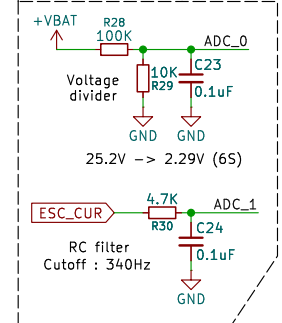
Pads



External ADC protection and filtering



Internal ADC's filtering



Sheet: /
File: RP_FC.kicad_sch

Title:

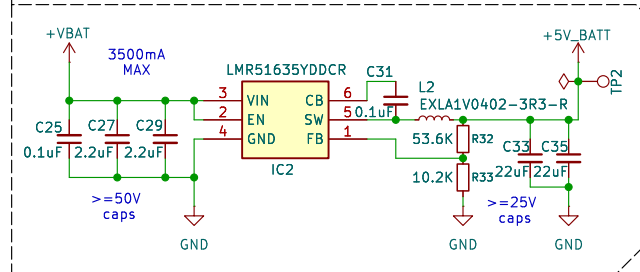
Size: A4
KiCad E.D.A. 9.0.7

Date:

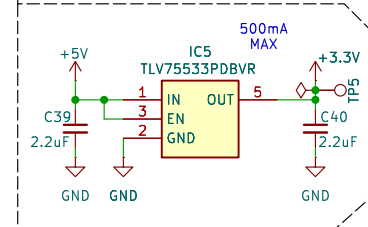
Rev:

Id: 1/5

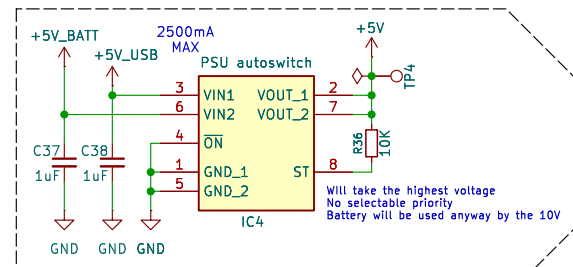
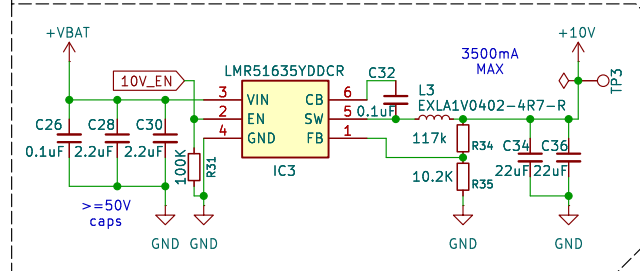
BUCK 5V



LDO 3.3V



BUCK 10V



POWER

Sheet: /Power/
File: power.kicad_sch

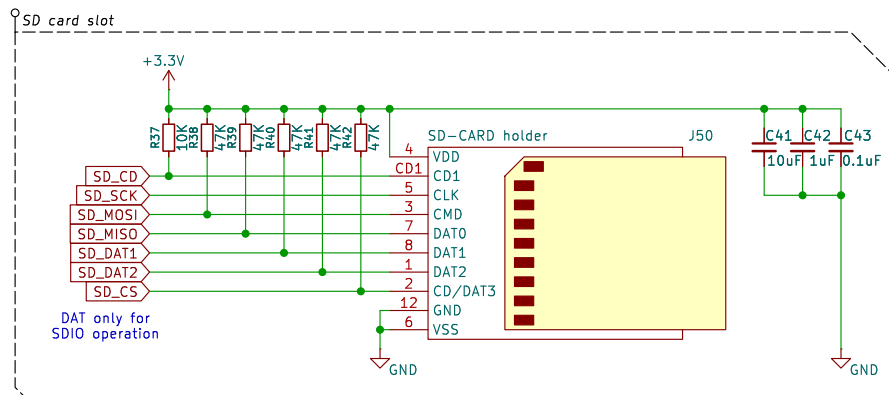
Title:

Size: A5
KiCad E.D.A. 9.0.7

Date:

Rev:

Id: 2/5



STORAGE

Sheet: /Memory/
File: memory.kicad_sch

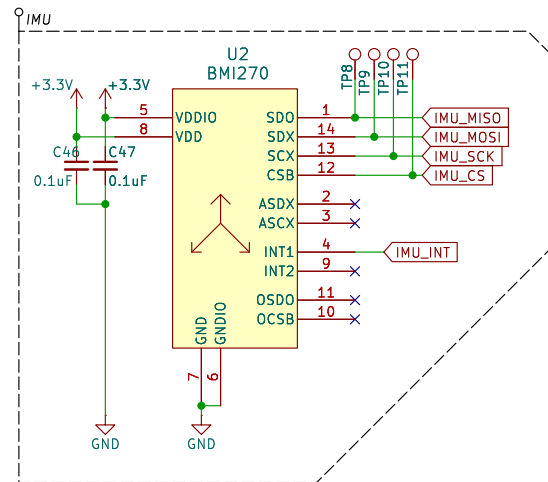
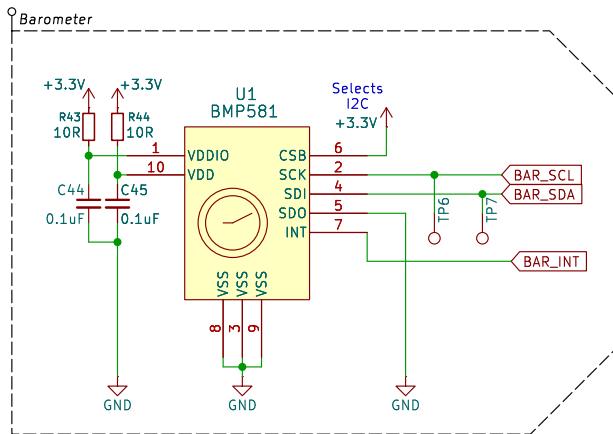
Title:

Size: A5
KiCad E.D.A. 9.0.7

Date:

Rev:

Id: 3/5



SENSORS

Sheet: /Sensors/
File: sensors.kicad_sch

Title:

Size: A5
KiCad E.D.A. 9.0.7

Date:

Rev:

Id: 4/5

OUTSIDE CONNECTIONS

The image contains three circuit diagrams for external connections on a PCB:

- ESC connector (J51):** A 10-pin connector. Pins 1-4 are connected to a motor driver (MP1, MP2) and a TVS diode (D4) for +VBAT protection. Pins 5-8 are labeled M1, M2, M3, M4. Pins 7-8 are labeled ESC_TEL and ESC_CUR.
- VTX connector (J52):** A 6-pin connector. Pins 1-3 are connected to a VTX module (VTX_TX, VTX_RX). Pins 4-6 are labeled VTX_TX and VTX_RX. A note indicates "No dji remote support".
- USB-C connector (J53):** A USB-C connector. It includes a 750mA PTC fuse (F1) for +5V_USB, a TVS diode (D6) for VBUS protection, and a flyback diode (D5) for the +5V line. The diagram also shows a buzzer (BUZZER) connected to a buzzer mosfet (Q1) and a 100R resistor (R48).

Metadata:

- Sheet: /Outside connections/
- File: outside.kicad_sch
- Title:
- Size: A5
- Date:
- Rev:
- KiCad E.D.A. 9.0.7
- Id: 5/5

Title:		
Size: A5	Date:	Rev:
KiCad E.D.A. 9.0.7		Id: 5/5

Size: A5	Date:
KiCad E.D.A. 9.0.7	

Rev:
Id: 5/5