

IoT-PostBox sensor

MCU

MCU

File: MCU.kicad_sch

INTERFACE

INTERFACES

File: INTERFACE.kicad_sch

POWER

POWER

File: POWER.kicad_sch

IoT-PostBox board based on ESP32-S2
<https://github.com/paclema/iot-postbox>

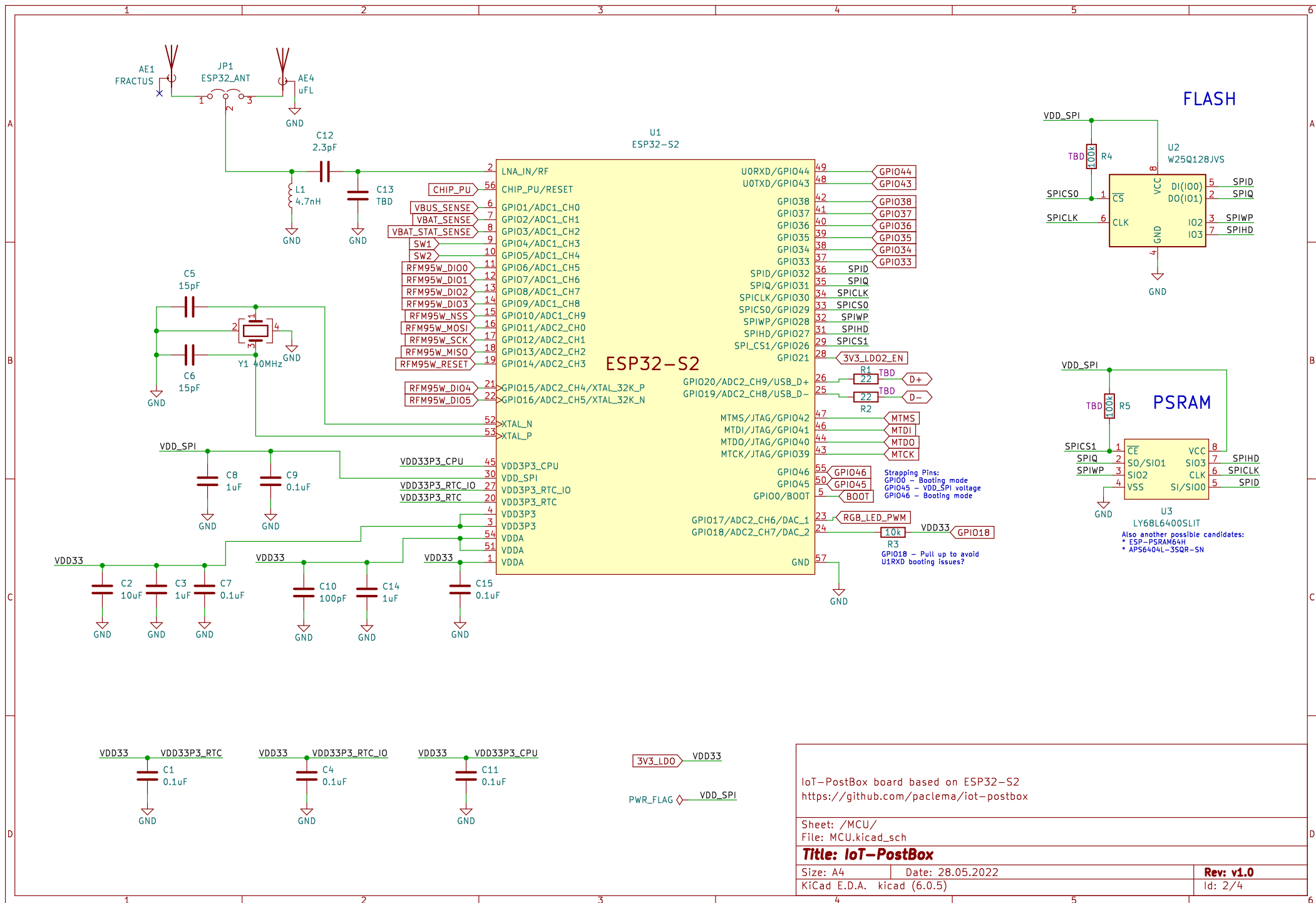


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File: iot-postbox_v1.kicad_sch

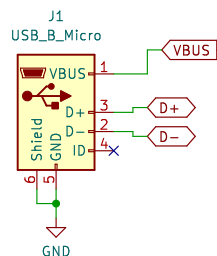
Title: IoT-PostBox

Size: A4 Date: 28.05.2022
KiCad E.D.A. kicad (6.0.5)

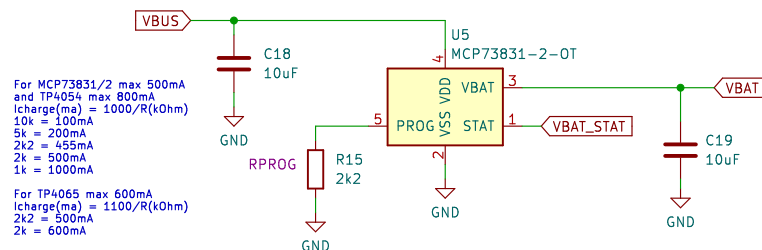
Rev: v1.0
Id: 1/4



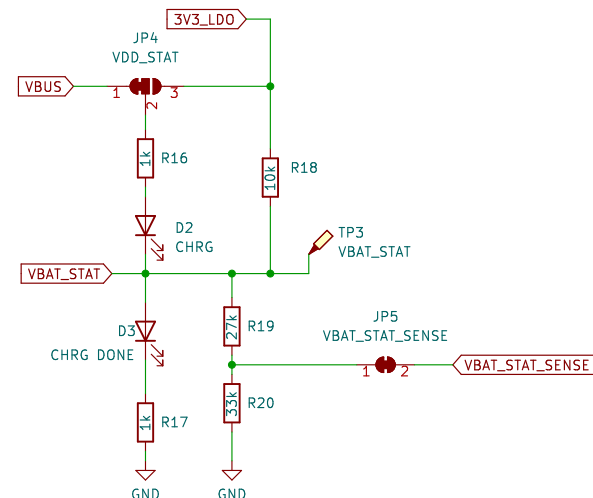
USB CONNECTOR



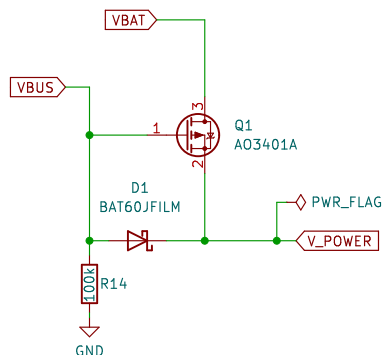
LIPO CHARGER



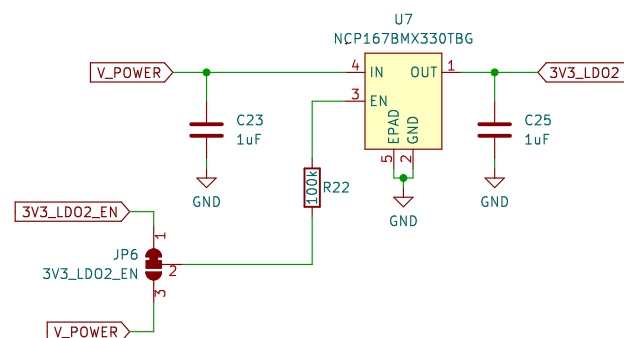
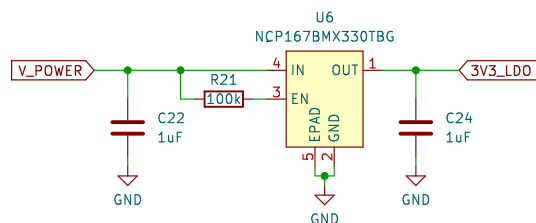
CHARGER STATUS



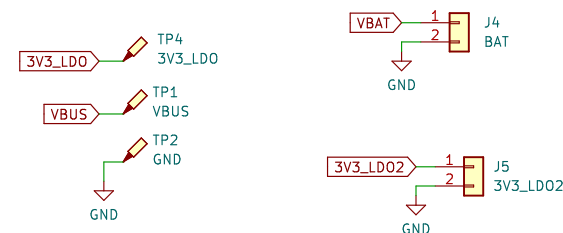
LOAD SHARING



POWER AND FILTERING



POWER CONNECTORS



IoT-PostBox board based on ESP32-S2
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Sheet: /POWER/
File: POWER.kicad_sch

Title: IoT-PostBox

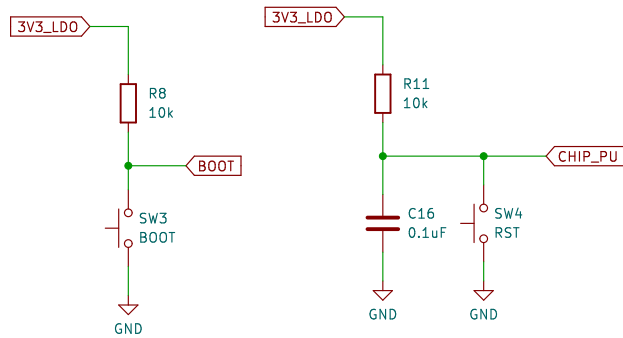
Size: A4	Date: 28.05.2022
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KiCad E.D.A.	kicad (6.0.5)

Rev: v1.0

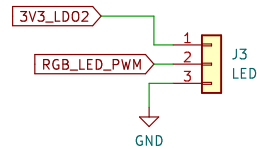
Id: 3/4

PUSH BUTTONS

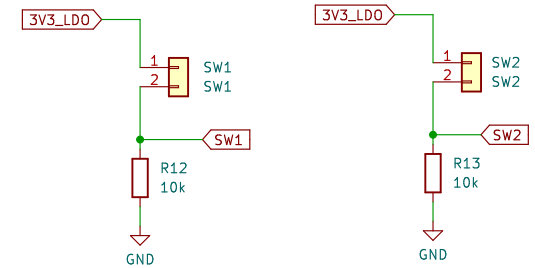


TBD:
C16 0.1uF or 1uF?

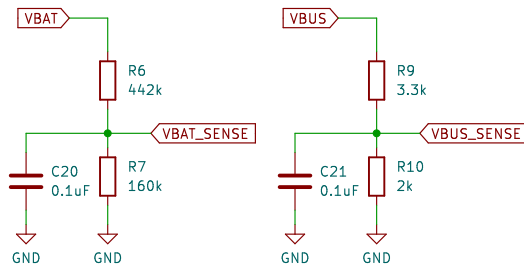
RGB LED STRIP



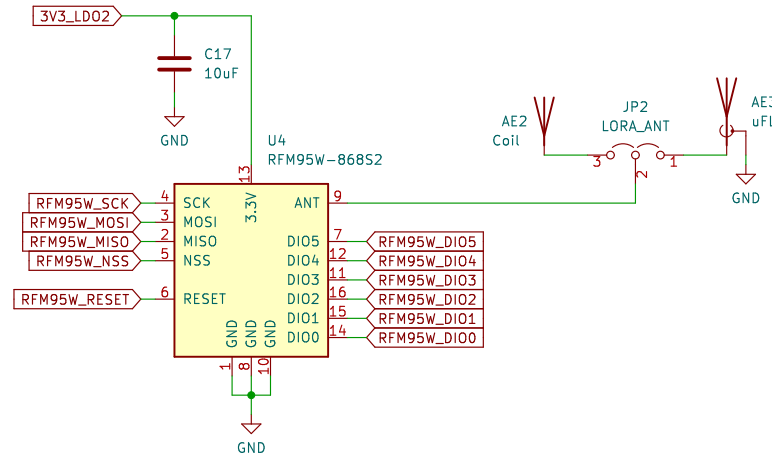
SWITCH SENSORS



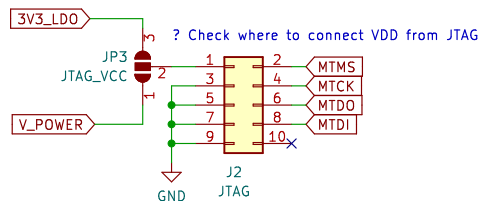
ADC SENSE



LORA



JTAG



EXTENSION PORTS



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Size: A4 Date: 28.05.2022

KiCad E.D.A. kicad (6.0.5)

Rev: v1.0

Id: 4/4