

Sheet 1 of 5

Drawn by: João Gabriel

Size A4

**LIVE**

Sheet: /

File: DongleALIVEv2.0.kicad\_sch

**Title: Dongle eaLIVE for telemetry**

Size: A4

Date: 2024-09-19

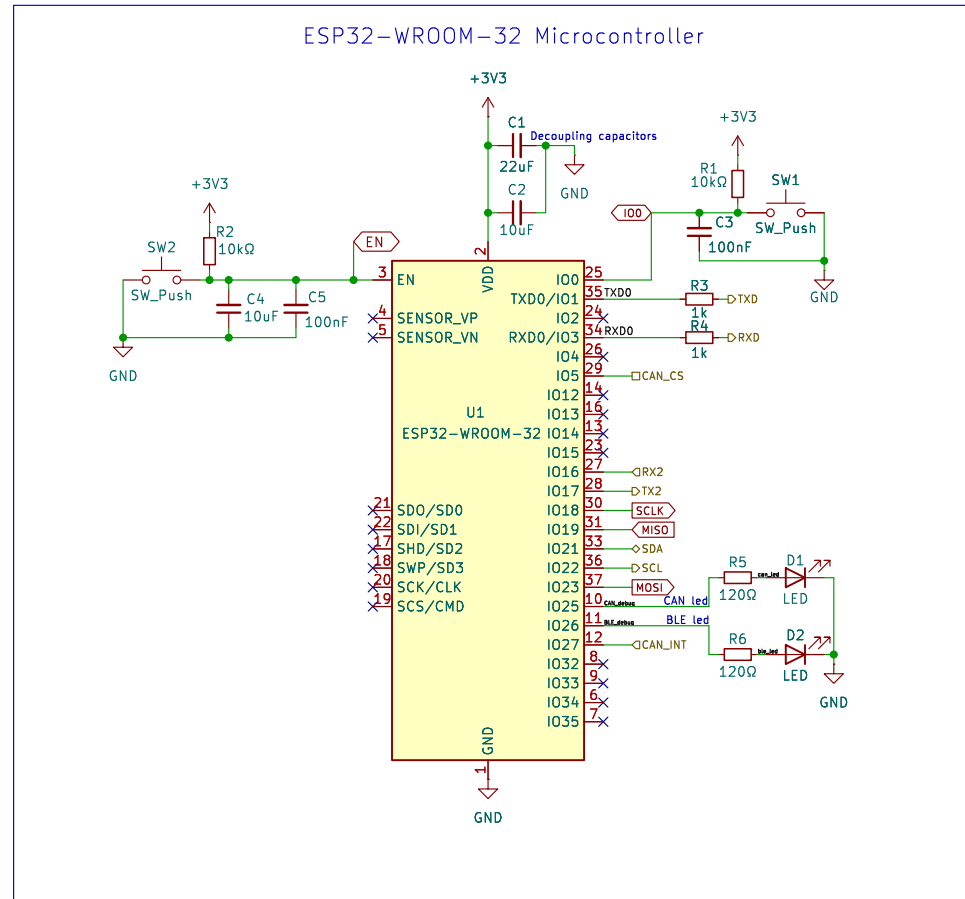
**Rev: 2.0**

KiCad E.D.A. 8.0.4

Id: 1/5

# [1] Microcontroller

## Microcontroller & Reset and Boot Button



Sheet 2 of 5

Drawn by: João Gabriel

Size A4

**LIVE**

Sheet: /Microcontroller/

File: Microcontroller.kicad\_sch

**Title: Dongle eaLIVE for telemetry**

Size: A4

Date: 2024-09-19

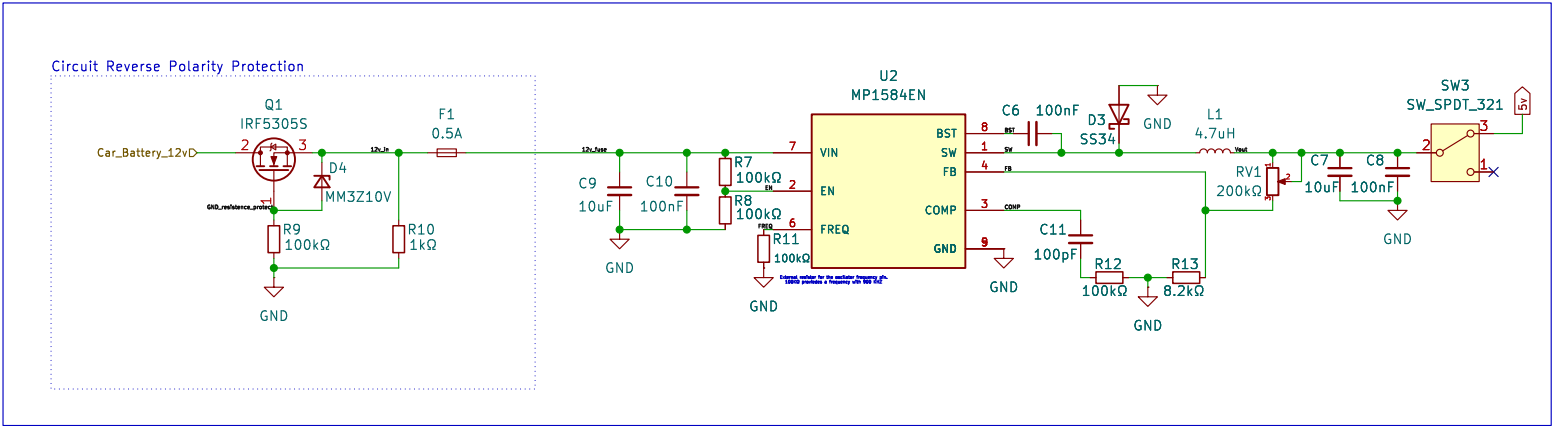
Rev: 2.0

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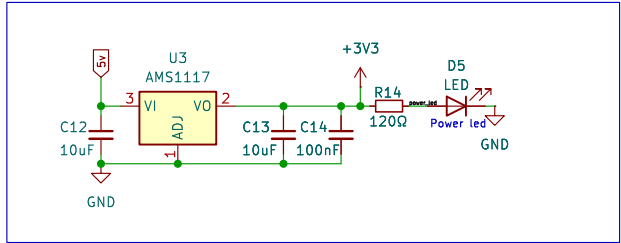
Id: 1/5

# [2] Power Supplies

Regulation the 12v(input) to 5v(output)



Regulation the 5v(input) to 3v3(output)



Sheet 3 of 5

Drawn by: João Gabriel

Size A4

LIVE

Sheet: /VoltageRegulatorESD/

File: VoltageRegulatorESD.kicad\_sch

Title: Dongle *eaLIVE* for telemetry

Size: A4

Date: 2024-09-19

Rev: 2.0

KiCad E.D.A. 8.0.4

Id: 2/5

**A**

B

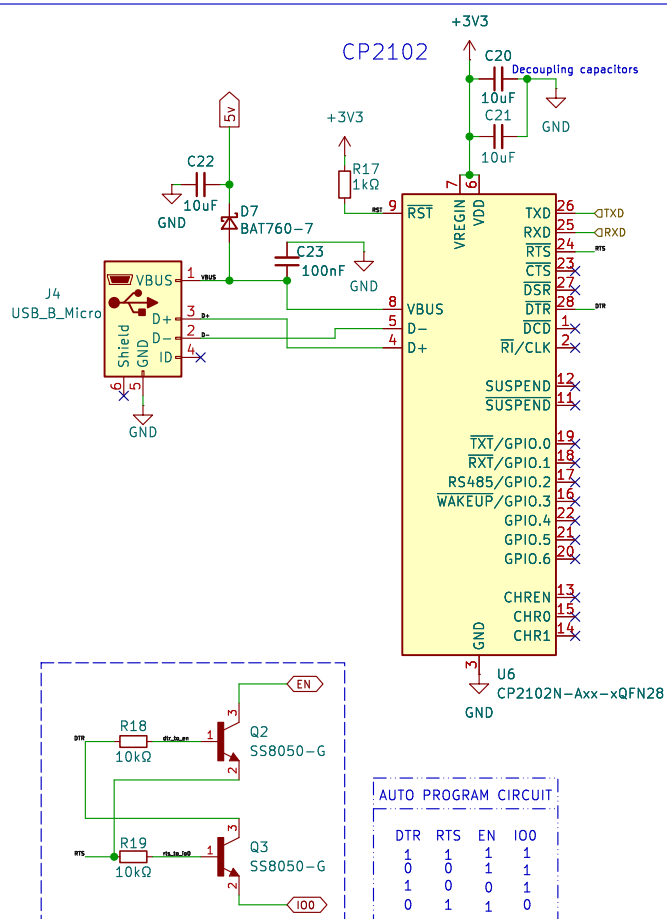


A



D

## Micro USB port & USB to TTL



Sheet 5 of 5

Drawn by: João Gabriel

Size A4

LIVE

Sheet: /MicroUSB\_Port/

File: USB\_Port.kicad\_sch

**Title:** Dongle eaLIVE for telemetry

Size: A4

Date: 2024-09-19

Rev: 2.0

Size: A1	
KiCad E.D.A. 8.0.4	

Id: 4/5