

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

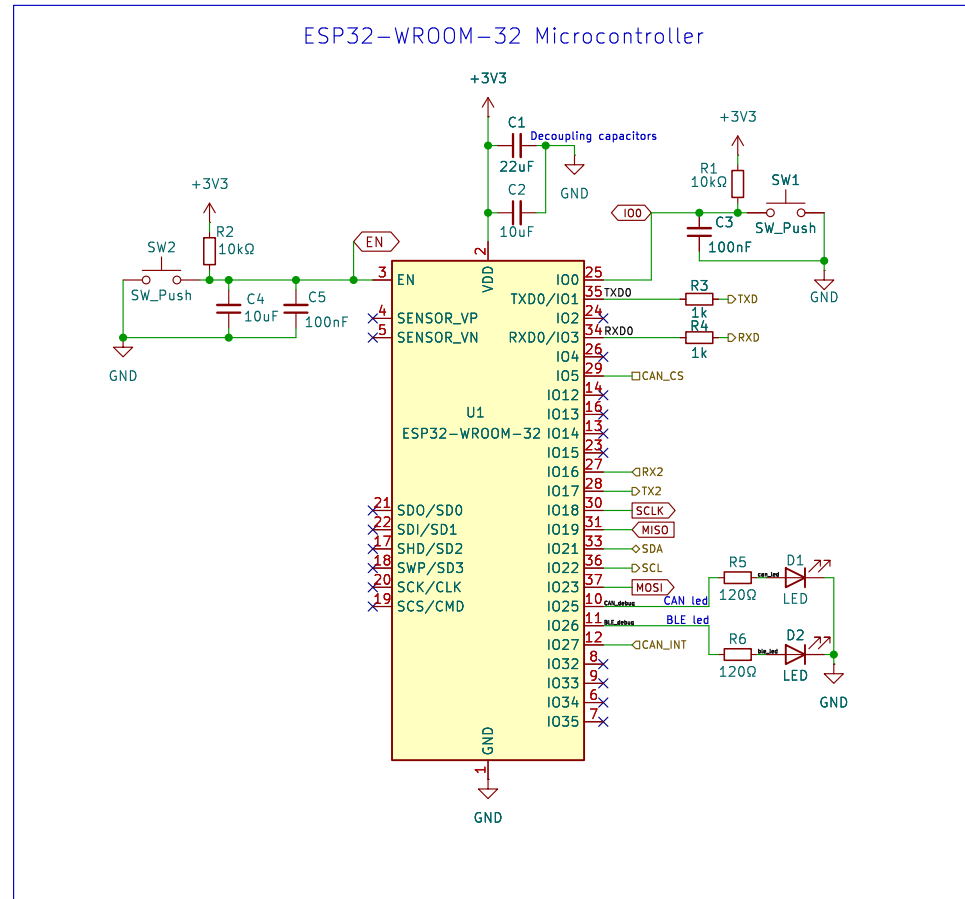
Rev: 2.0

KiCad E.D.A. 8.0.4

Id: 1/5

[1] Microcontroller

Microcontroller & Reset and Boot Button



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Date: 2024-09-19

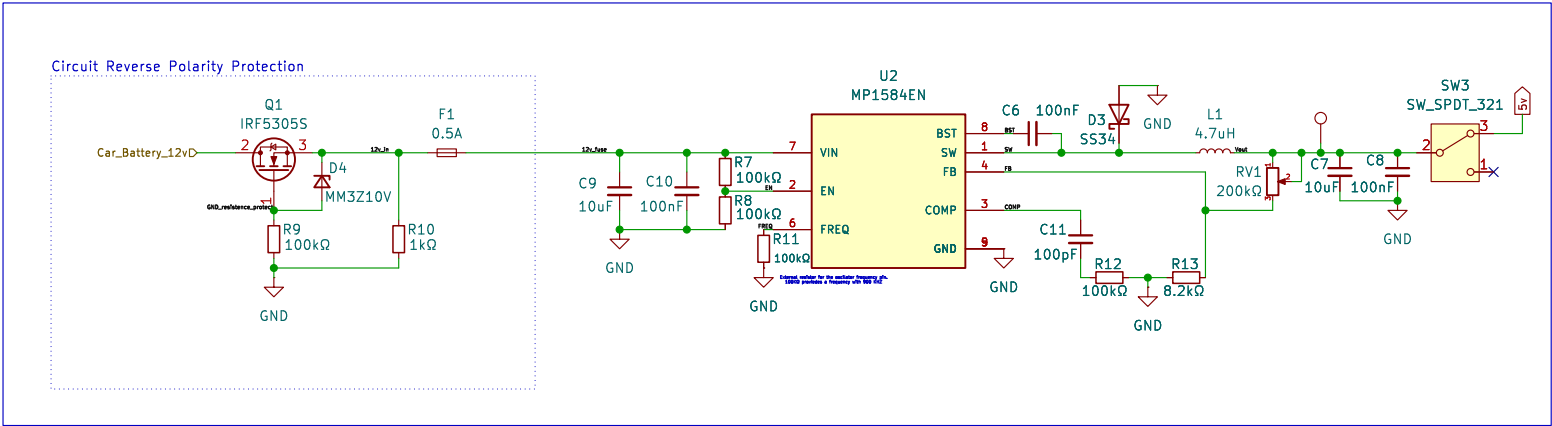
Rev: 2.0

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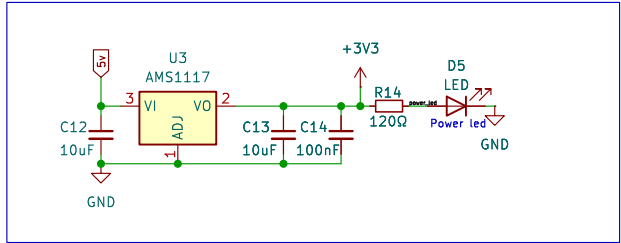
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[2] Power Supplies

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



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



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Sheet: /VoltageRegulatorESD/

File: VoltageRegulatorESD.kicad_sch

Title: Dongle *eaLIVE* for telemetry

Size: A4

Date: 2024-09-19

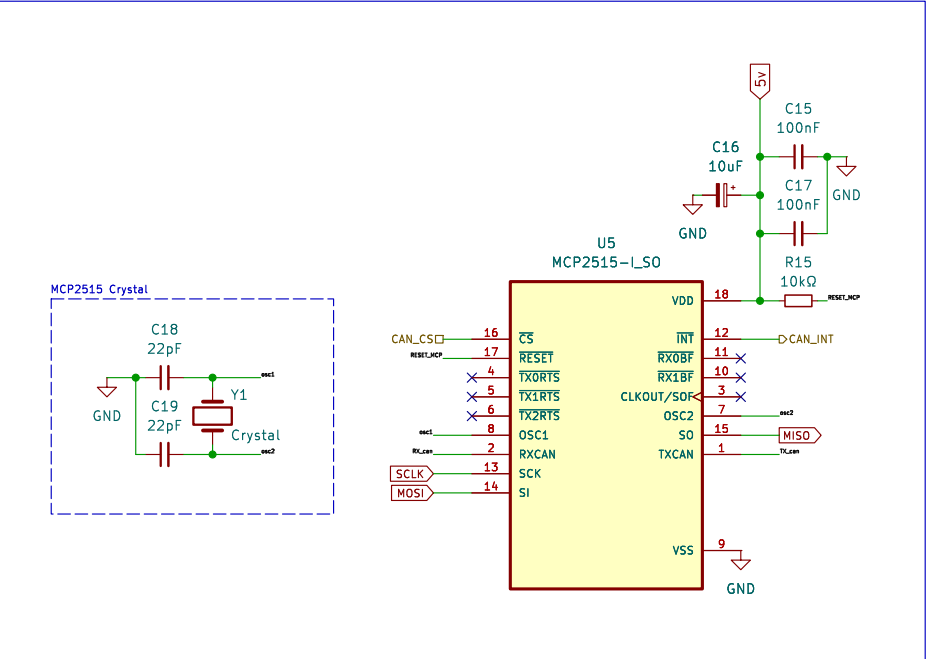
Rev: 2.0

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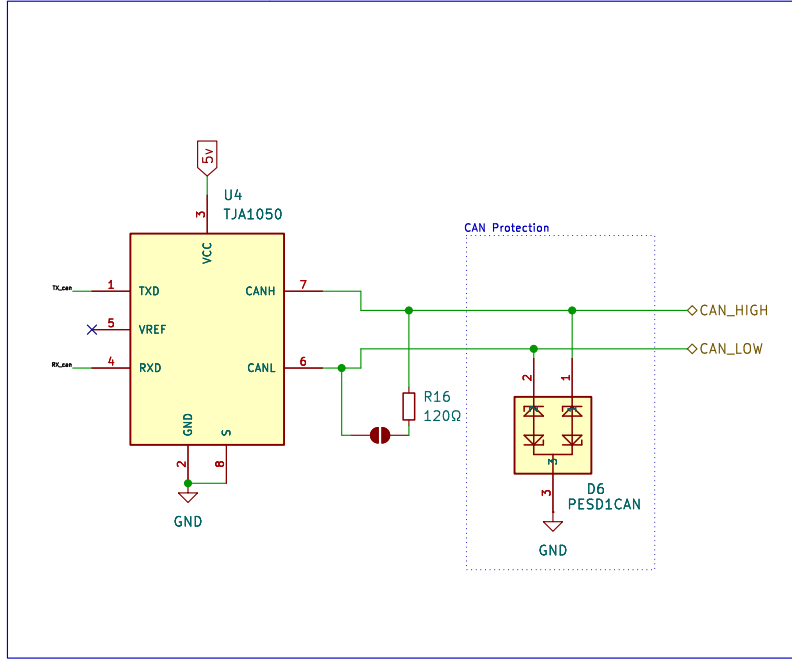
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[3] Controller Area Network (CAN) bus

MCP2515 SPI communication



TJA1050T CAN CI with protection in the bus



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Drawn by: João Gabriel

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LIVE

Sheet: /CAN_controller/

File: CAN_controller.kicad_sch

Title: Dongle *ea*LIVE for telemetry

Size: A4

Date: 2024-09-19

Rev: 2.0

KiCad E.D.A. 8.0.4

Id: 3/5

Micro USB port & USB to TTL

