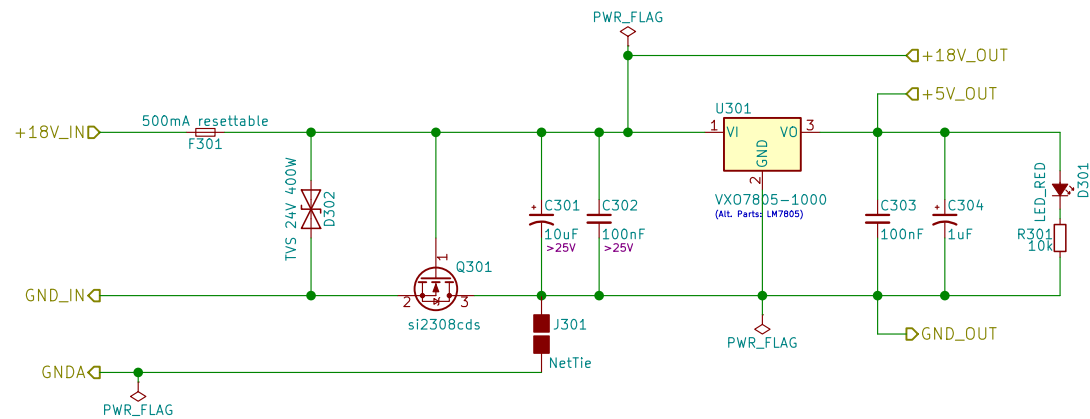


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Protections:
 [x] Reverse Polarity
 [x] Over Current
 [x] ESD
 [x] EMI

Reverse Current/Battery Protection Circuits:
 ?<http://www.ti.com/lit/an/slua139/slua139.pdf>

ESD:

?http://www.littelfuse.com/media/electronics_technical/application_notes/esd/littelfuse_esd_and_surge_circuit_protection_overview_application_note.pdf

?<https://www.vishay.com/docs/88440/failure.pdf>

?

Zênite Solar

Sheet: /POWER SUPPLY/

File: supplies.sch

Title: ATMEGA CAN SHIELD

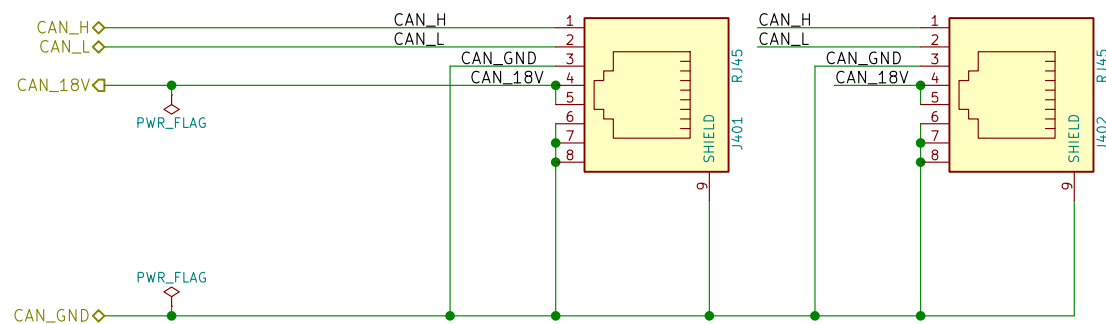
Size: A4

Date: 2018-04-19

Rev: João A.C.

KiCad E.D.A. kicad (5.0.0-rc2-dev-495-g4202bb6af)

Id: 3/5



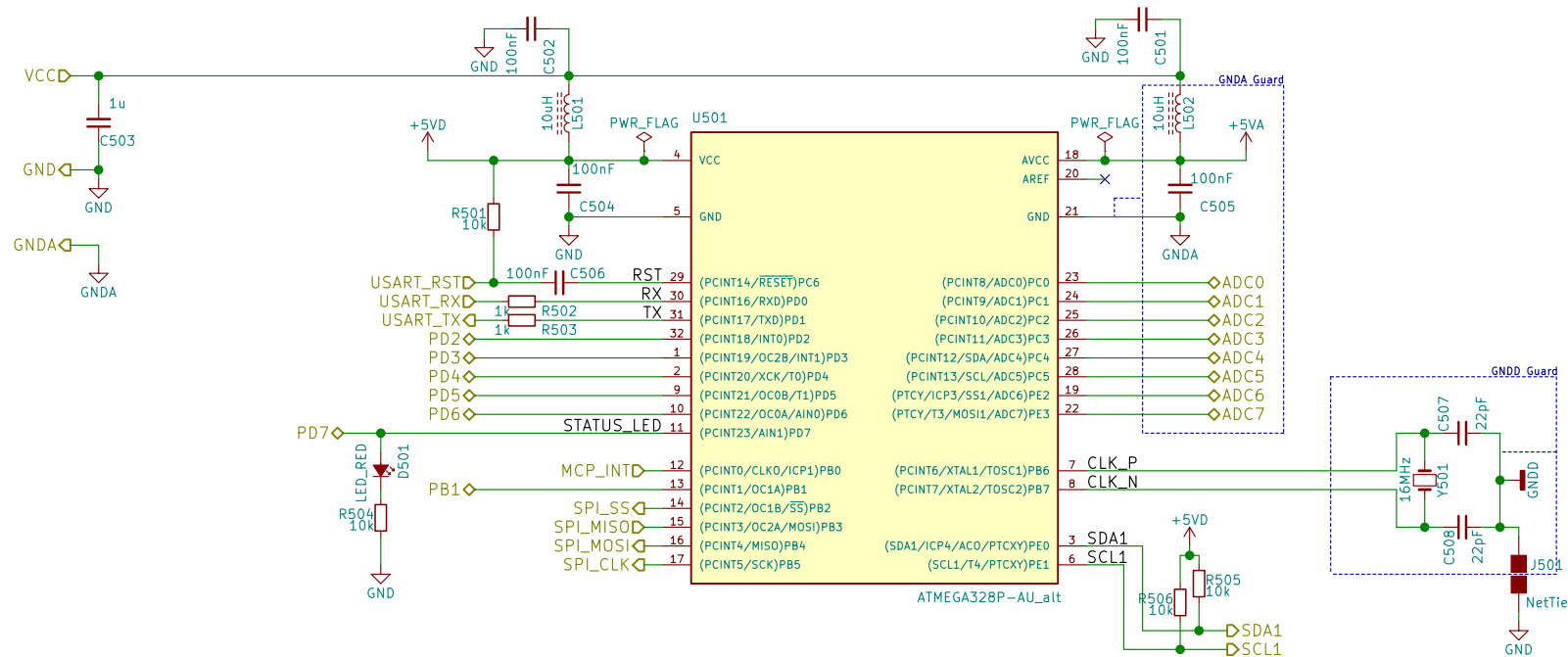
Zênite Solar

Sheet: /CANBUS CONN/
File: canbus_connector.sch

Title: ATMEGA CAN SHIELD

Size: A4 Date: 2018-04-19
KiCad E.D.A. kicad (5.0.0-rc2-dev-495-g4202bb6af)

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<https://www.mouser.com/datasheet/2/268/40001906A-1222909.pdf>

http://ww1.microchip.com/downloads/en/appnotes/atmel-2521-avr-hardware-design-considerations_applicationnote_avr042.pdf

<https://cache.nxp.com/docs/en/application-note/AN5250.pdf>

<http://ww1.microchip.com/downloads/en/DeviceDoc/doc8008.pdf>

Zênite Solar

Sheet: /MCU/
File: atmega328p.sch

Title: ATMEGA CAN SHIELD

Size: A4 Date: 2018-04-19
KiCad E.D.A. kicad (5.0.0-rc2-dev-495-g4202bb6af)

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Id: 5/5