## Servo motor stepper project (M4)

Stepper motor controller with overtemperature, overvoltage and overcurrent protection

## Status reading guide:

Draft: Early stage, ignore details. Preliminary: Almost finished, could have some errors. Checked: There shouldn't be any error, inform if that isn't the case. Released: The schematic belongs to a board sent to production.

Status Released

Release date: 07/03/24 (DD/MM/YY)

Variation: No variations

## Comments reading quide:

Compatibility

Desian

Layout

user information

Number of layers: 2

Micro/blind/buried vias: No

Related files: BOM, gerber files and pick and place data

Number of sheets, 1

Note: — (V3P3) This is a global scope label. Reset This is a local (sheet) scope label. Servo motor stepper (M4) V1 - 2024 - 03 - 07 (DD/MM/YY)

Mark not fitted R18 components as: 1.2R

File: M4-V1.kicad sch

Title: Servo motor stepper - M4 project

Size: A4 Date: 2024-03-07 Rev: V1 KiCad E.D.A. kicad 7.0.11-2.fc39 ld: 1/6

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Power block Diagram

Schematic top level

Signal block Diagram

Mechanical

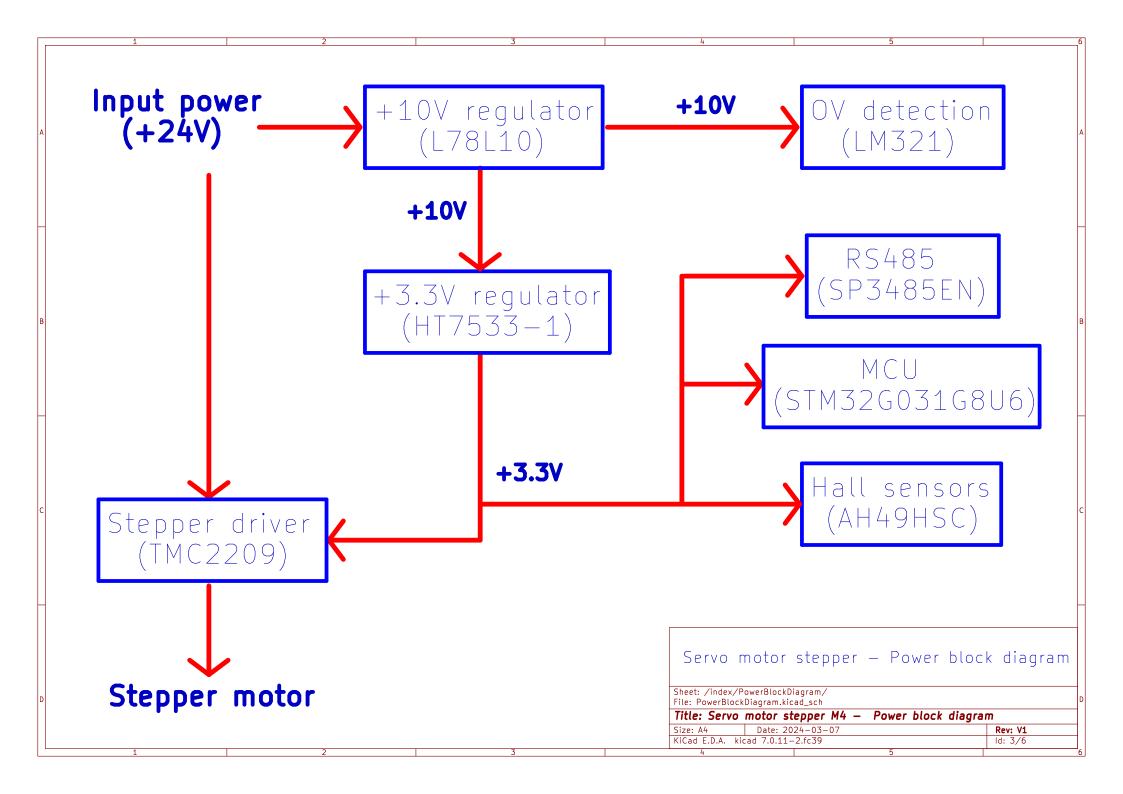
Servo motor stepper - Index

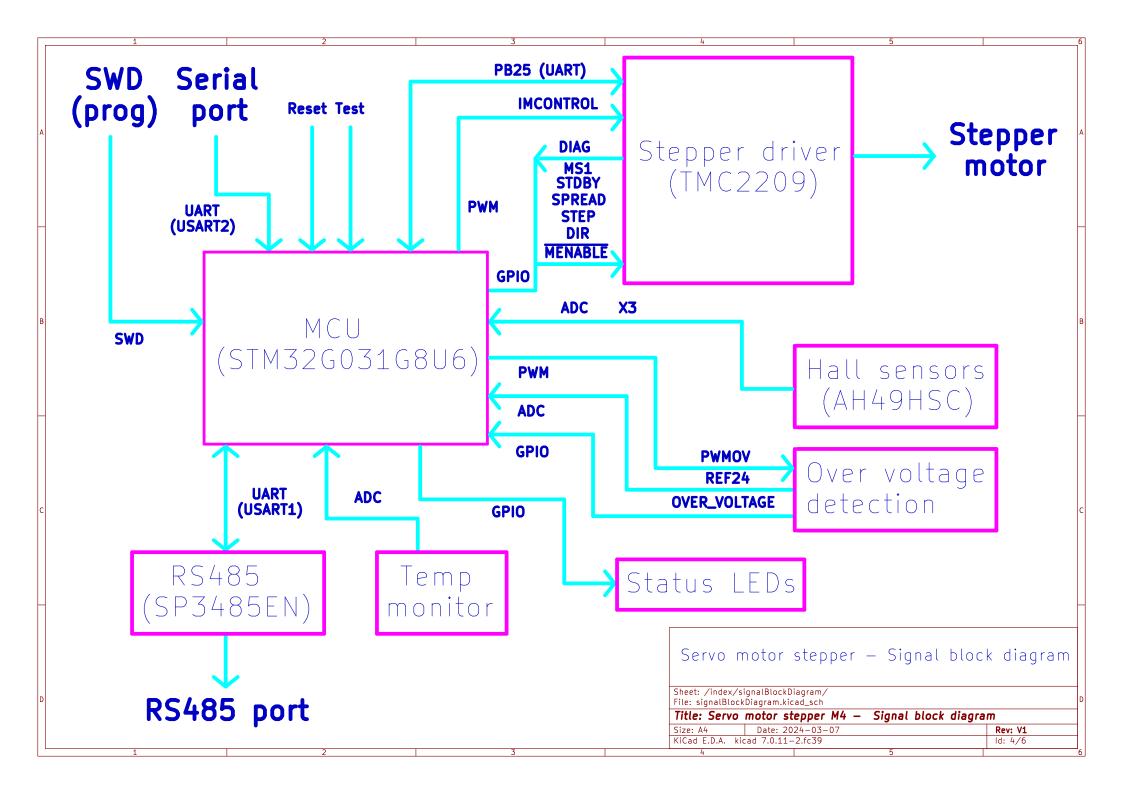
Sheet: /index/

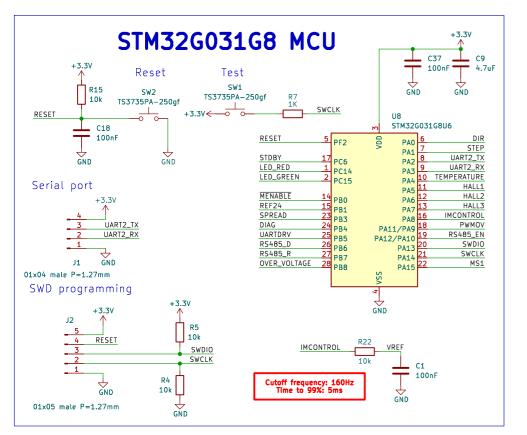
File: index.kicad\_sch

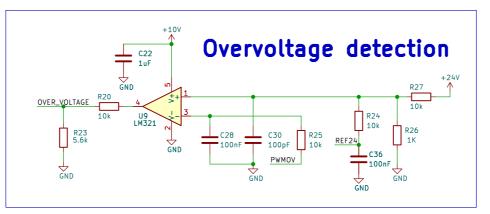
Title: Servo motor stepper M4 - Index

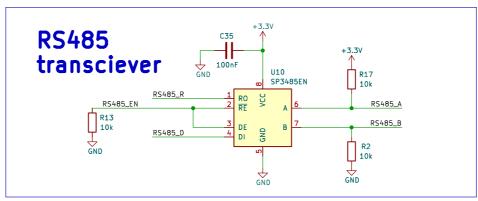
Size: A4 Date: 2024-03-07 KiCad E.D.A. kicad 7.0.11-2.fc39 Rev: V1 ld: 2/6

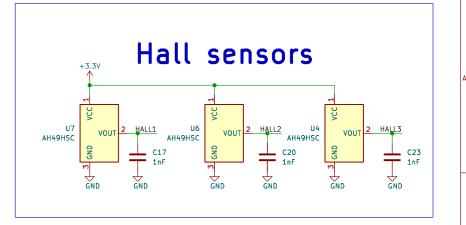


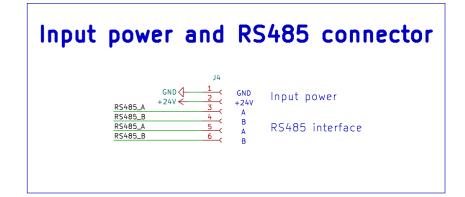


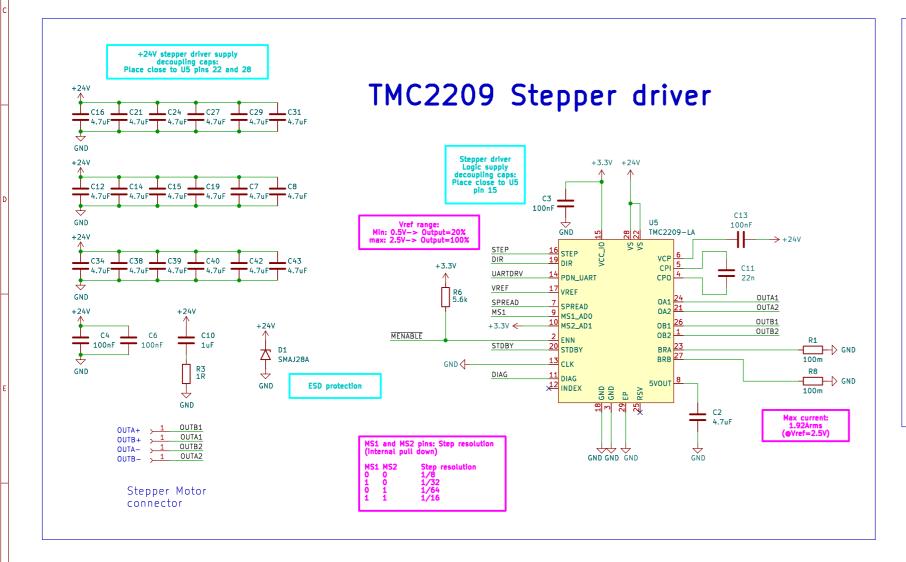


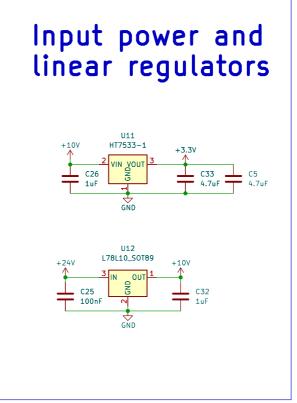


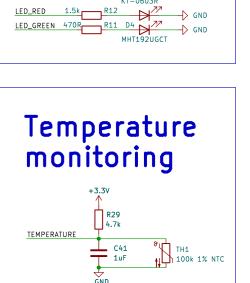












Status LEDs

