

CITIC Research Center & Department of Computer Engineering, University of A Coruña.

Sheet: /Axis X2/  
File: axis\_x2.kicad\_sch

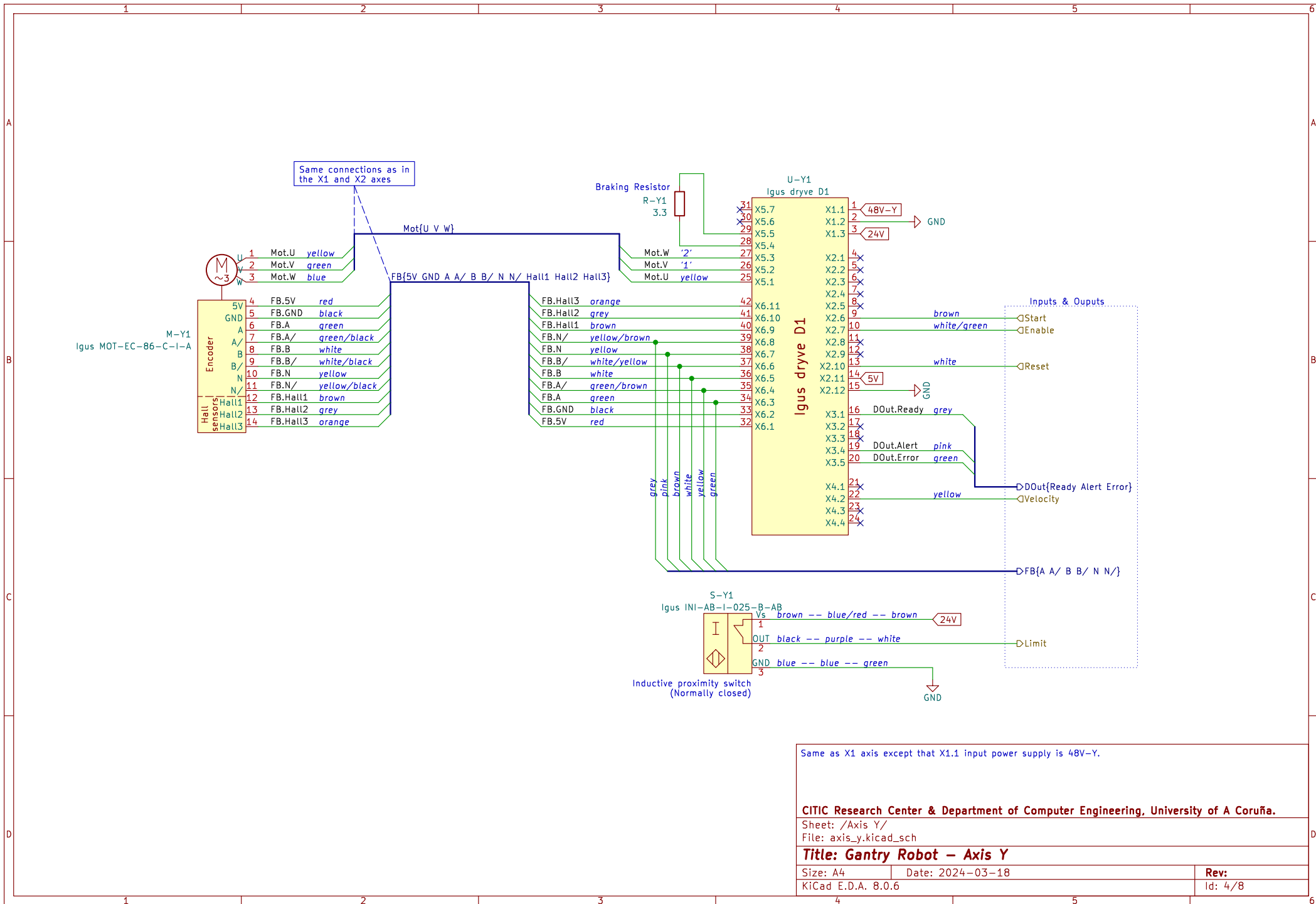
**Title: Gantry Robot – Axis X2**

Size: A4 Date: 2024-03-18

KiCad E.D.A. 8.0.6

Rev:

Id: 3/8



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Sheet: /Axis Y/  
File: axis\_y.kicad\_sch

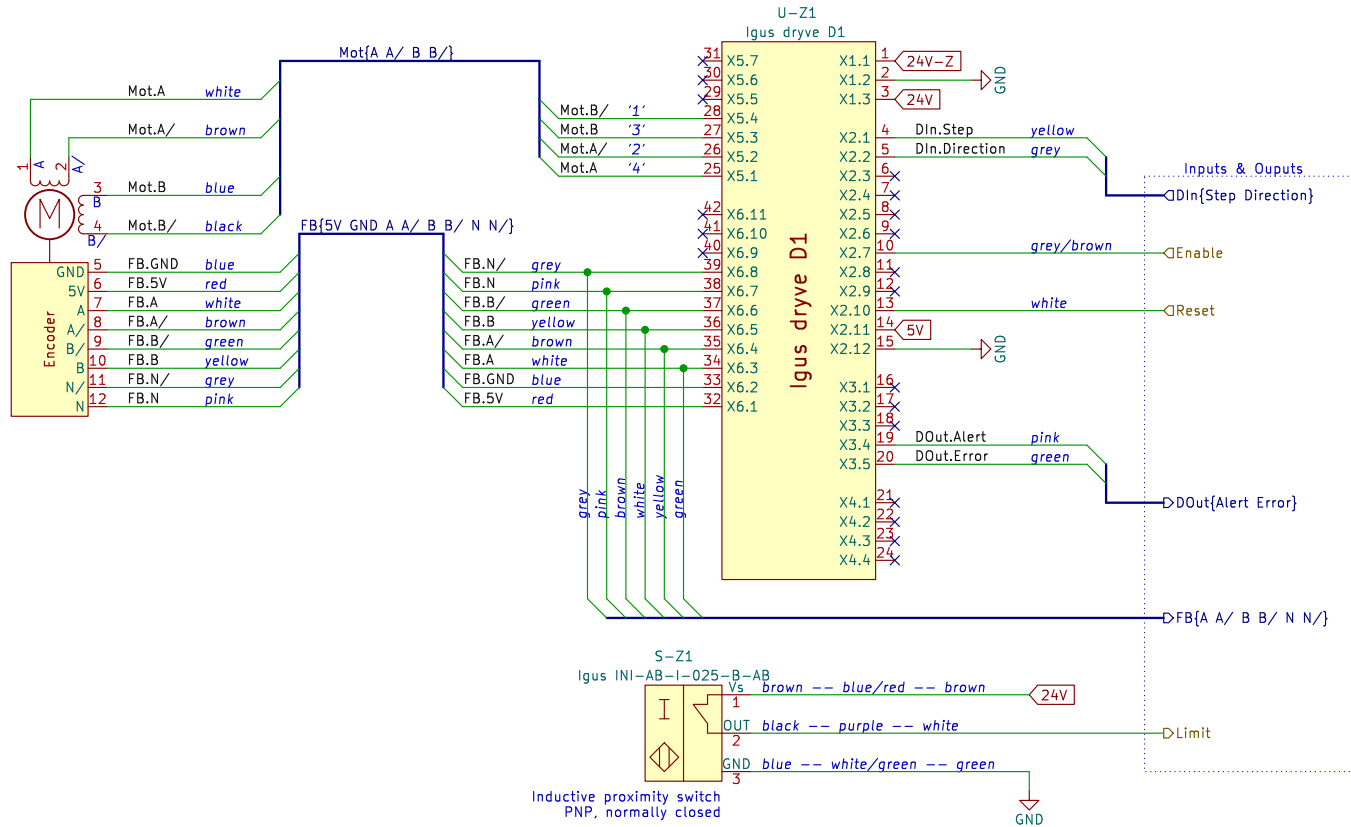
Title: Gantry Robot - Axis Y

Size: A4 Date: 2024-03-18

KiCad E.D.A. 8.0.6

Rev:  
Id: 4/8

M-Z1  
Igus MOT-AN-S-060-035-060-L-C-AAAC



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Sheet: /Axis Z/

File: axis\_z.kicad\_sch

**Title: Gantry Robot – Axis Z**

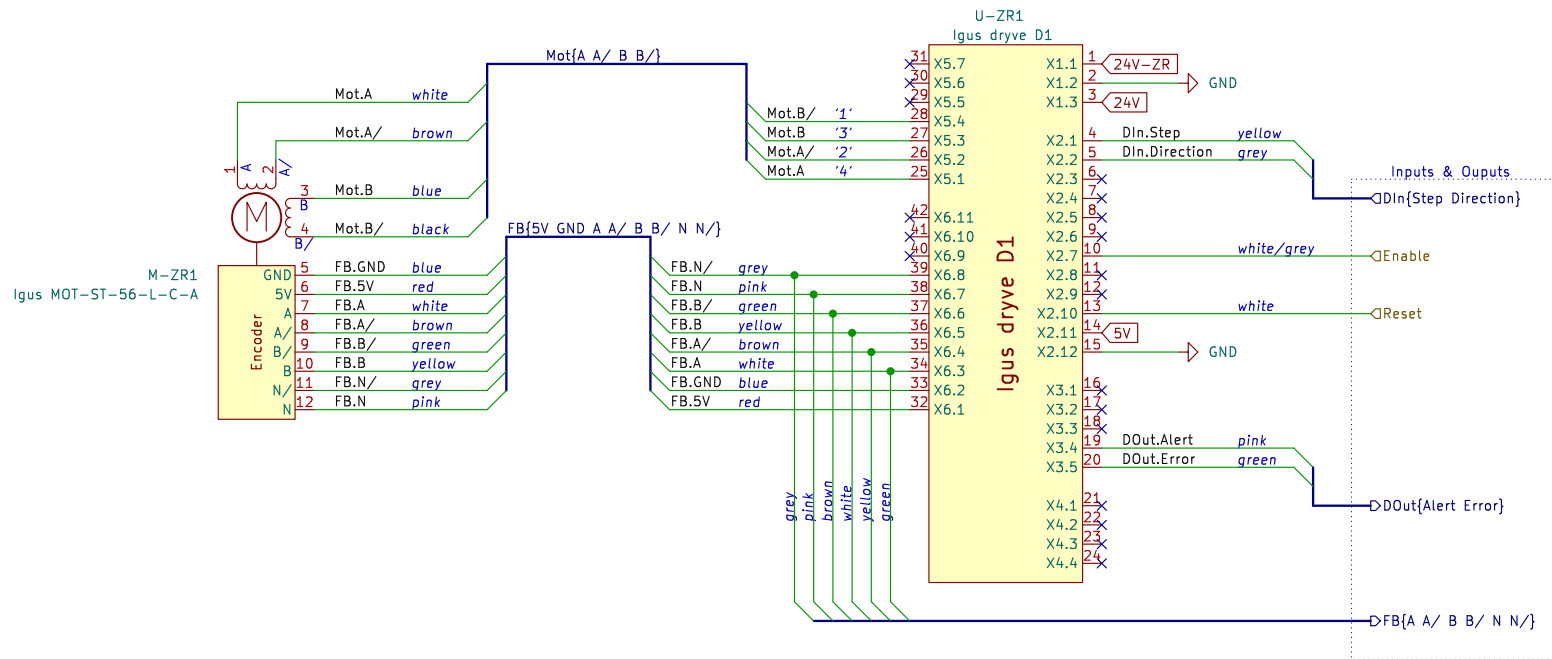
Size: A4

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Similar to the Z axis, the differences are:

- X1.1 and X1.3 input power supplies are 48V-ZR.
- Different motor model with different connection terminals.
- No limit sensor

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Sheet: /Axis Z Rotation/

File: axis\_zr.kicad\_sch

### Title: Gantry Robot – Axis Z Rotation

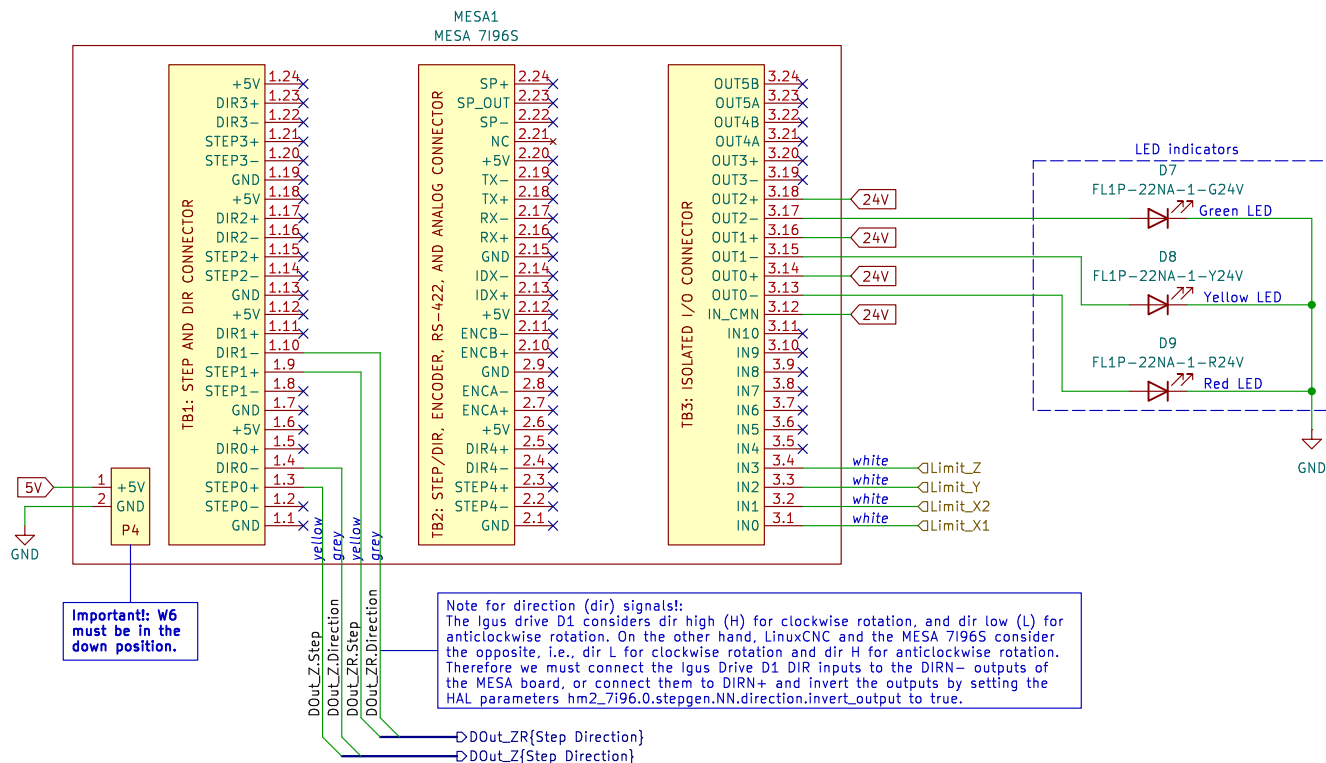
Size: A4

Date: 2024-03-18

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Sheet: /MESA 7196S/

File: mesa\_7196s.kicad\_sch

**Title: Gantry Robot – MESA 7196S**

Size: A4

Date: 2024-03-18

Rev:

KiCad E.D.A. 8.0.6

Id: 7/8

