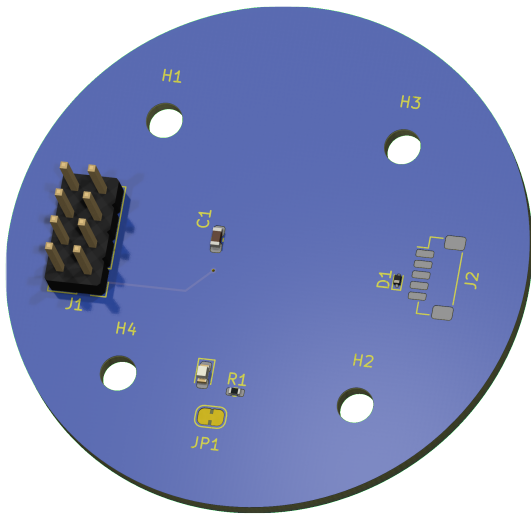
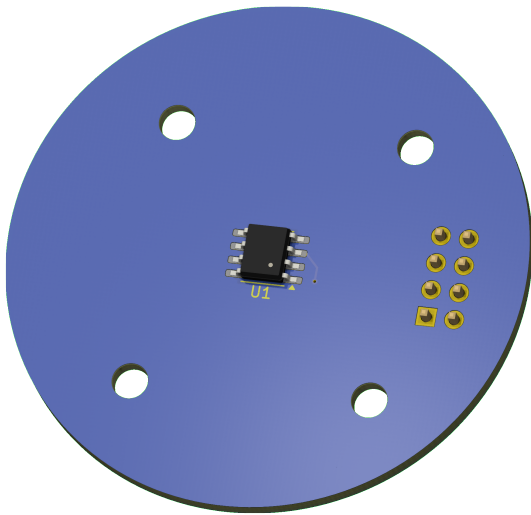


Page	Index	Page	Index	Page	Index	Page	Index
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2	Block Diagram	12	22	32
3	Project Architecture	13	23	33
4	Section A - Title A	14	24	34
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TOP VIEW



BOTTOM VIEW



NOTES

This board is meant to validate the magnetic encoder MT6701

Not fitted components are marked as **X**

- DRAFT - Very early stage of schematic, ignore details.
- PRELIMINARY - Close to final schematic.
- CHECKED - There shouldn't be any mistakes. Contact the engineer if you find any.
- RELEASED - A board with this schematic has been sent to production.

Date: 12-Jan-2026

DESIGN CONSIDERATIONS

DESIGN NOTE:

Example text for informational design notes.

DESIGN NOTE:

Example text for debug notes.

DESIGN NOTE:

Example text for cautionary design notes.

DESIGN NOTE:

Example text for critical design notes.

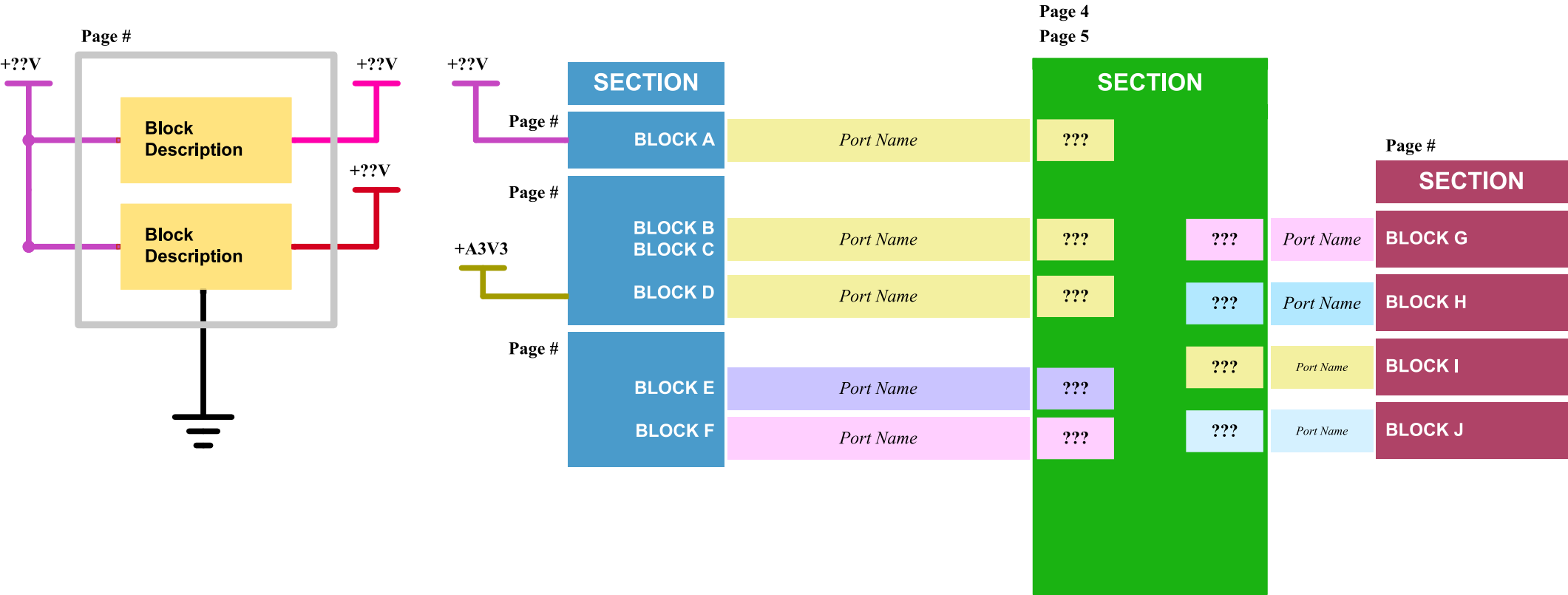
LAYOUT NOTE:

Example text for critical layout guidelines.

	Comments:	Company: EveryFlavorRobotics	Variant: PRELIMINARY	Git Hash: 9c4664f
	Sheet Title: Cover Page	Board Name: EncoGo	Project Name: CICD-Test	
	Sheet Path: /	File Name: kibot-test-cicd.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12
			Revision: 0.1.0+ (Unreleased)	
			Size: A3	Sheet: 1 of 7

[2] Block Diagram

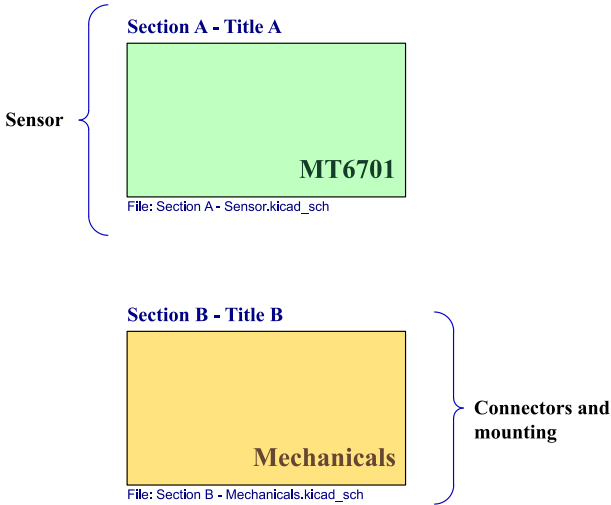
Block diagram not used for this project



Target specifications:	
Input voltage:	?? - ?? V
Spec 2	??
Spec 3	??
Spec 4	??

	Comments:	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
Sheet Path: /Block Diagram/			Reviewer:	Size: A3	Sheet: 2 of 7

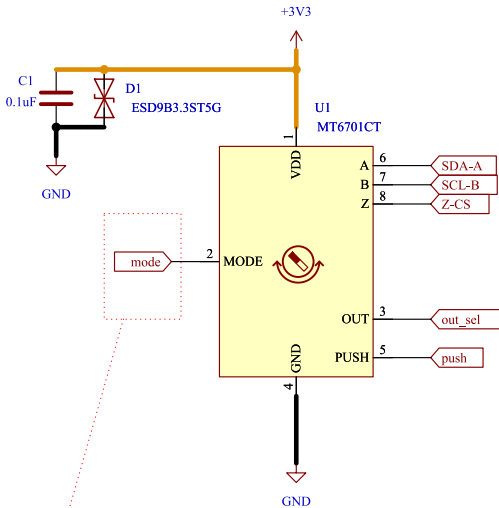
[3] Project Architecture



	Comments:	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: A3	Sheet: 3 of 7

[4] Sensor

LAYOUT NOTE:
eccentricity severely
degrades performance,
ENSURE chip is centered
wrt mounting pattern

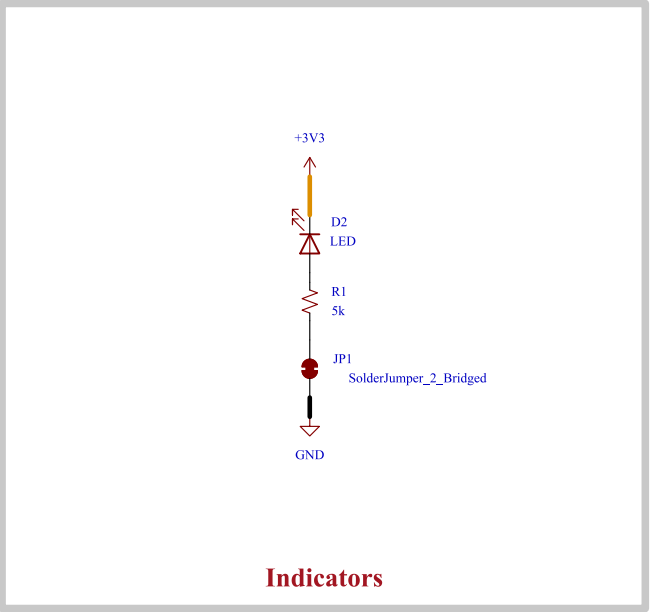
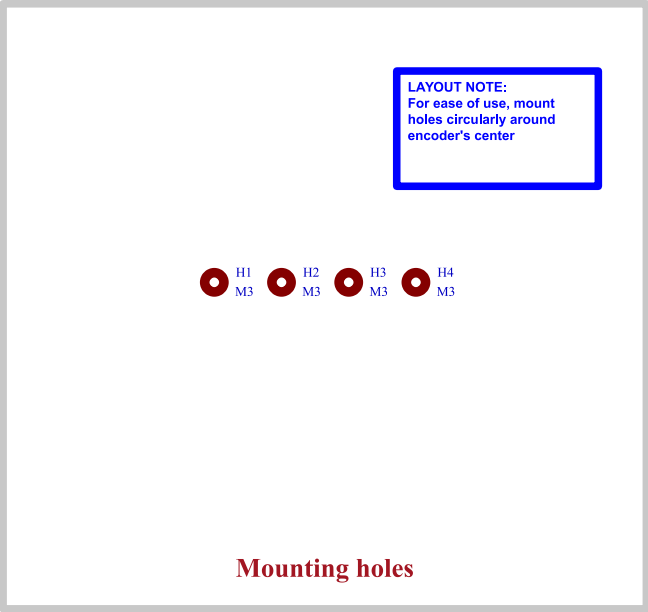
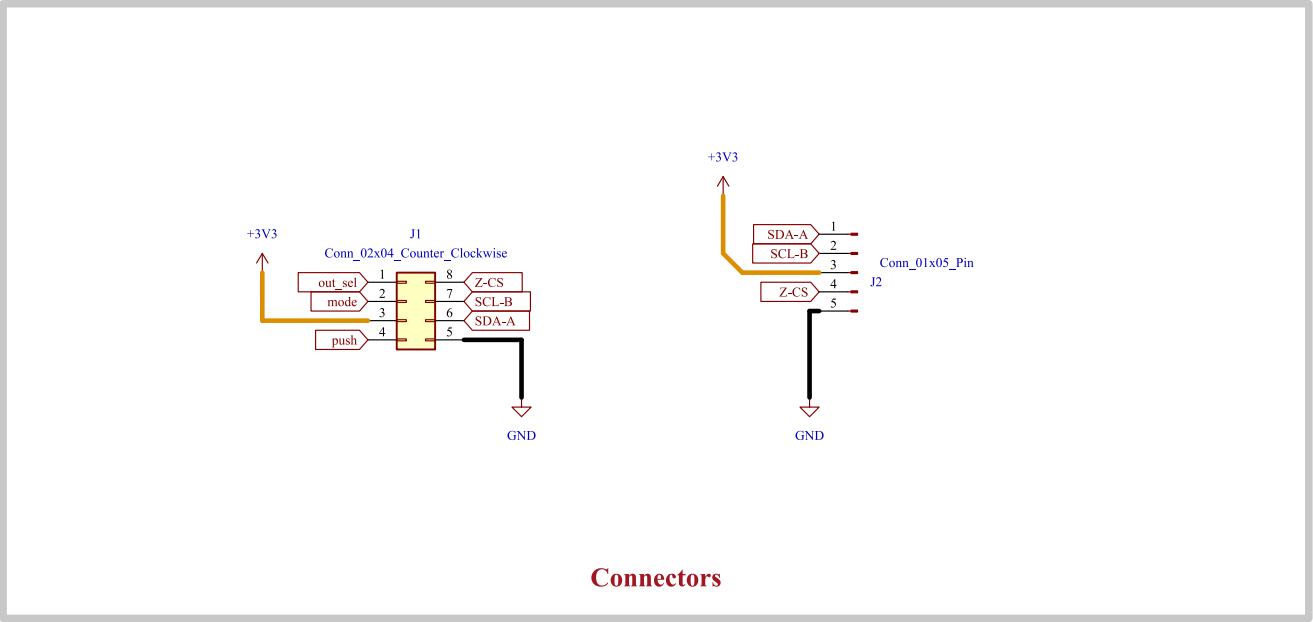


DESIGN NOTE:
Mode left floating
defaults to digital
output on SDA/SCL/CS

MT6701 configured in default mode

	Comments: Note on something important (example)	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Sensor	File Name: Section A - Sensor.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
	Sheet Path: /Project Architecture/Section A - Title A/		Reviewer:	Size: A4	Sheet: 4 of 7

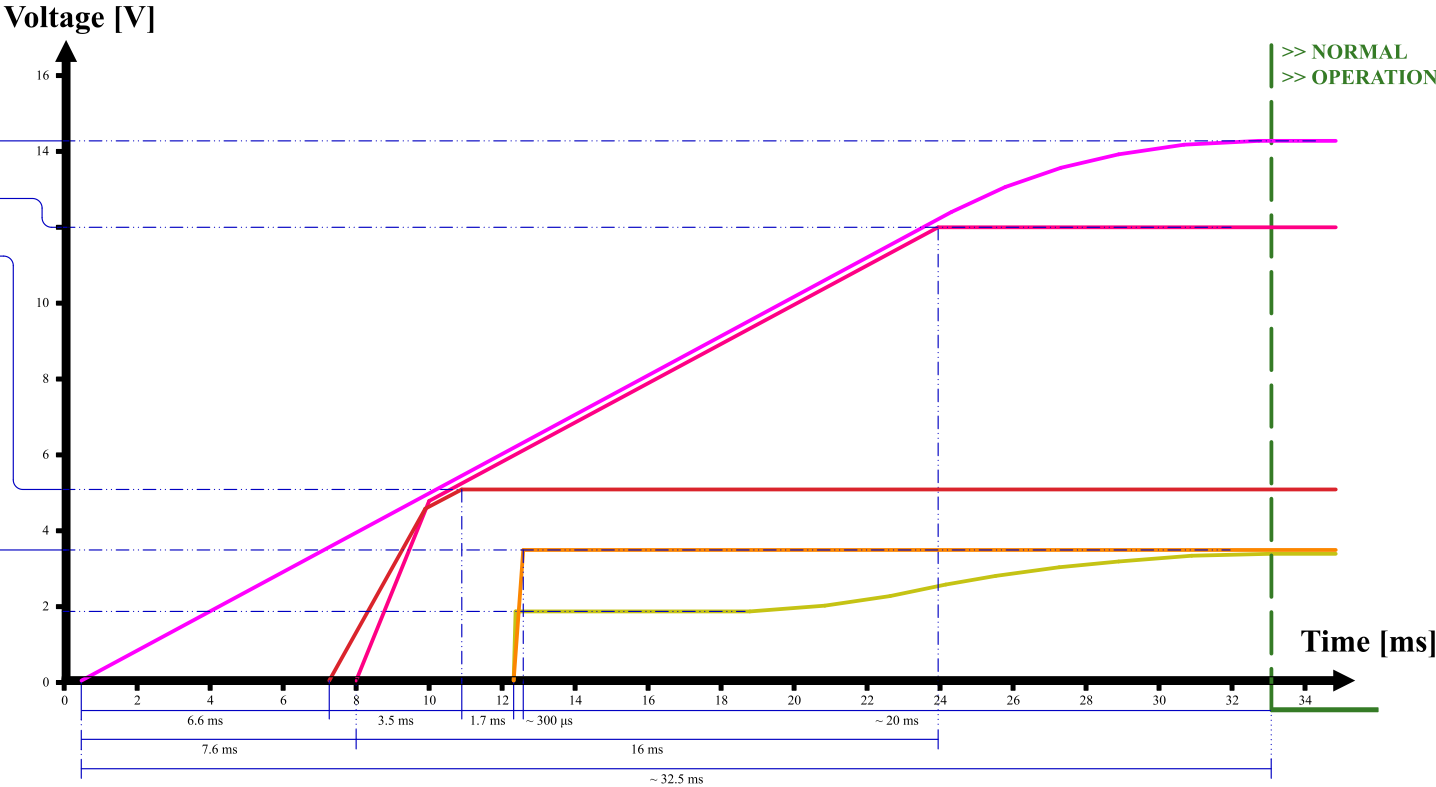
[5] Mechanicals



	Comments:	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Mechanicals	File Name: Section B - Mechanicals.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
Sheet Path: /Project Architecture/Section B - Title B/			Reviewer:	Size: A3	Sheet: 5 of 7

[6] Mechanicals

NAME	SOURCE	LEVEL
+V??	??	? - ? ± ??%
+V??	??	? - ? ± ??%
+V??	??	? - ? ± ??%
+V??	??	? - ? ± ??%
+V??	??	? - ? ± ??%



	Comments:	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Mechanicals	File Name: Power - Sequencing.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
	Sheet Path: /Power - Sequencing/		Reviewer:	Size: A4	Sheet: 6 of 7

[7] Mechanicals

	Comments:	Company: EveryFlavorRobotics		Variant: PRELIMINARY	Git Hash: 9c4664f
		Board Name: EncoGo		Project Name: CICD-Test	
	Sheet Title: Mechanicals	File Name: Revision History.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12	Revision: 0.1.0+ (Unreleased)
	Sheet Path: /Revision History/		Reviewer:	Size: A4	Sheet: 7 of 7