

A 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8
A
EncoGo

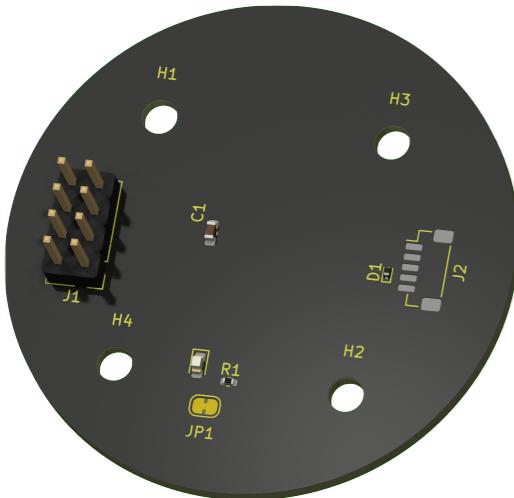
Variant: PRELIMINARY

2026-01-12

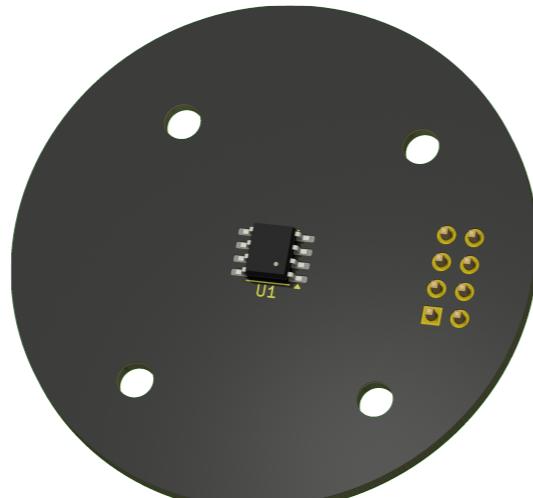
Rev 0.1.0+ (Unreleased)

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TOP VIEW



BOTTOM VIEW



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.

NOTES

This board is meant to validate the magnetic encoder MT6701

Not fitted components are marked as

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.

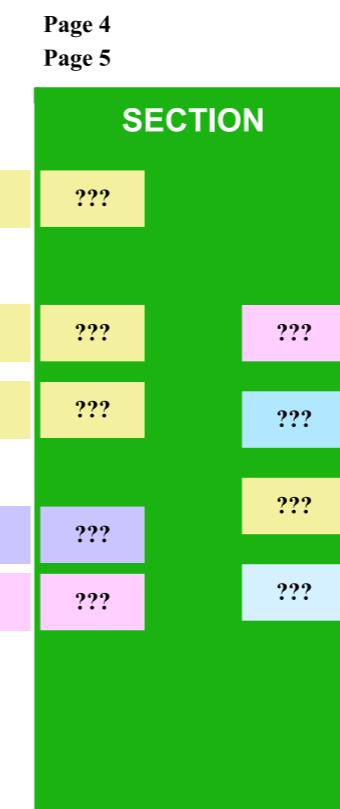
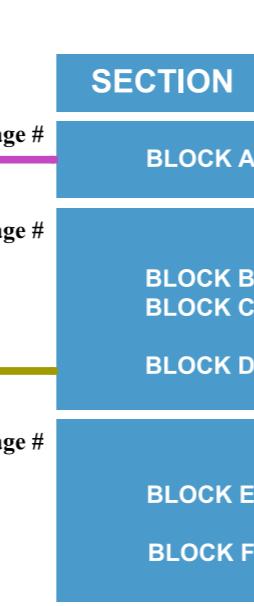
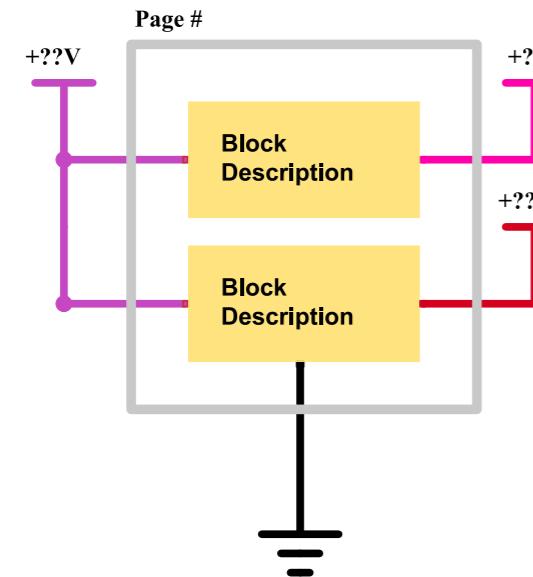
RELEASED - A board with this schematic has been sent to production.

Date: 12-Jan-2026

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

[2] Block Diagram

Block diagram not used for this project

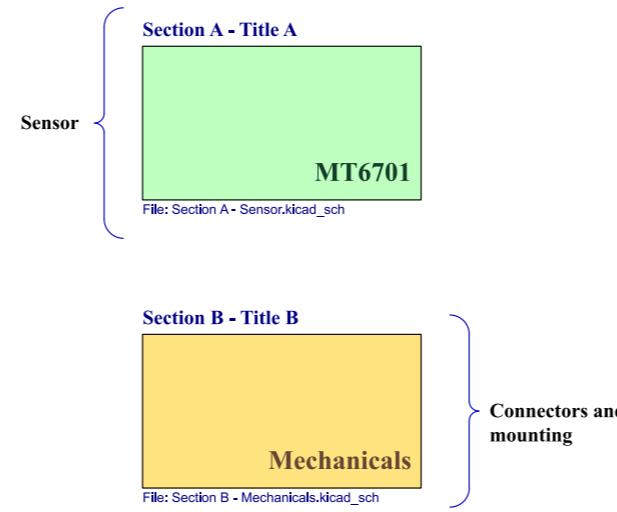


Target specifications:

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

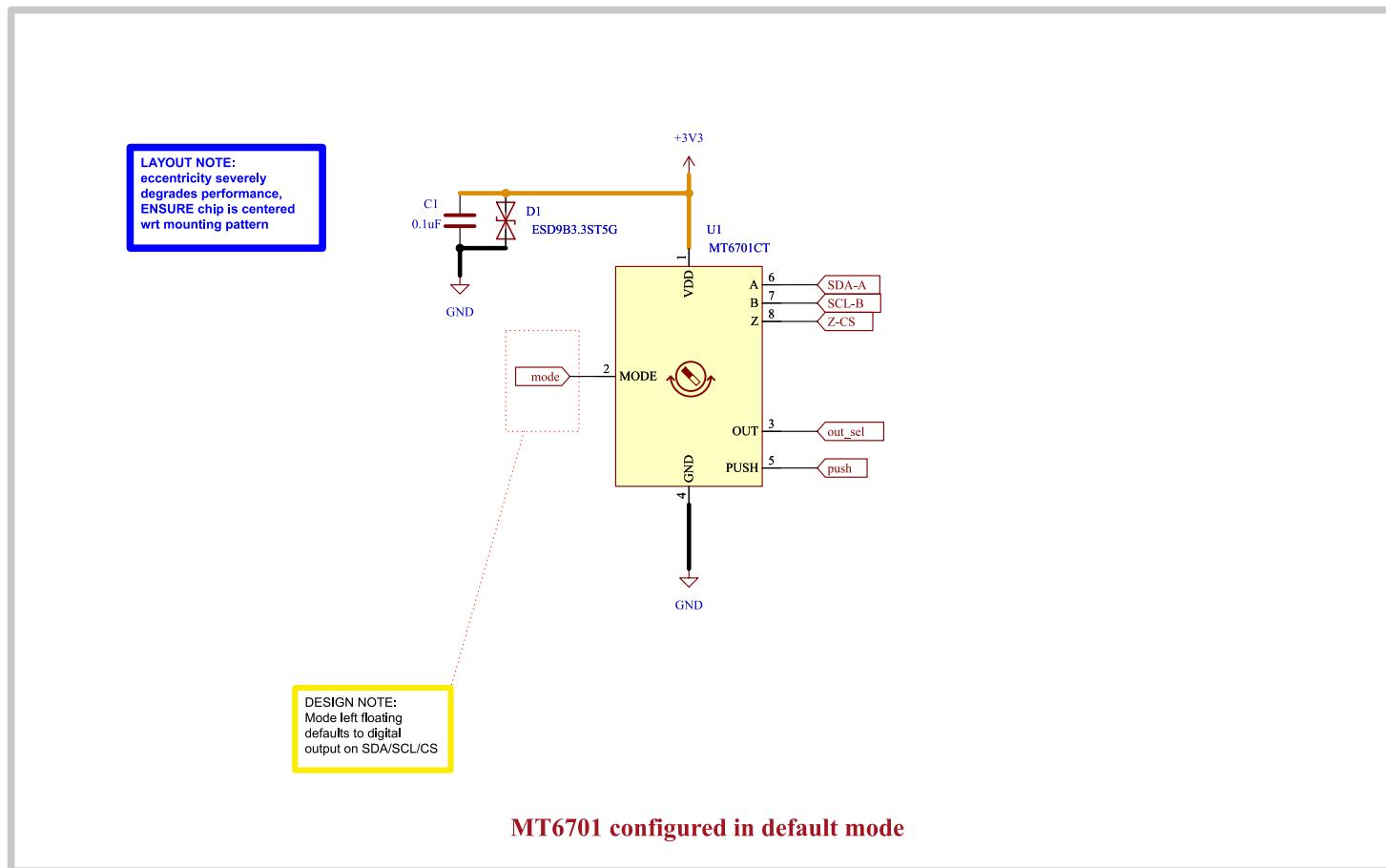
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		EveryFlavorRobotics		PRELIMINARY	9c4664f
	Board Name:			Project Name:	
		EncoGo		CICD-Test	
	Sheet Title:	File Name:	Designer:	Date:	Revision:
	Block Diagram	Block Diagram.kicad_sch	Alexchunlin	2025-01-12	0.1.0+ (Unreleased)
	Sheet Path:		Reviewer: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

[3] Project Architecture



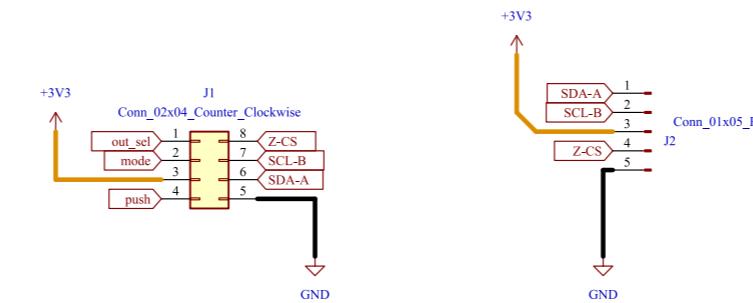
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		Board Name: EncoGo	Project Name: CICD-Test	
		File Name: Project Architecture.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12
			Reviewer:	Revision: 0.1.0+ (Unreleased)

[4] Sensor

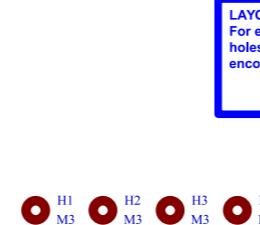


	Comments: Note on something important (example)	Company: EveryFlavorRobotics	Variant: PRELIMINARY	Git Hash: 9c4664f
	Board Name: EncoGo	Project Name: CICD-Test		
	Sheet Title: Sensor	File Name: Section A - Sensor.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12 Revision: 0.1.0+ (Unreleased)
	Sheet Path: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

[5] Mechanicals

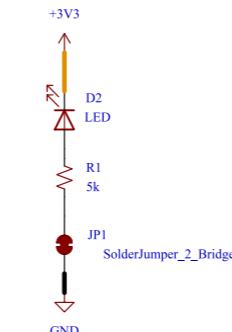


Connectors



LAYOUT NOTE:
For ease of use, mount
holes circularly around
encoder's center

Mounting holes

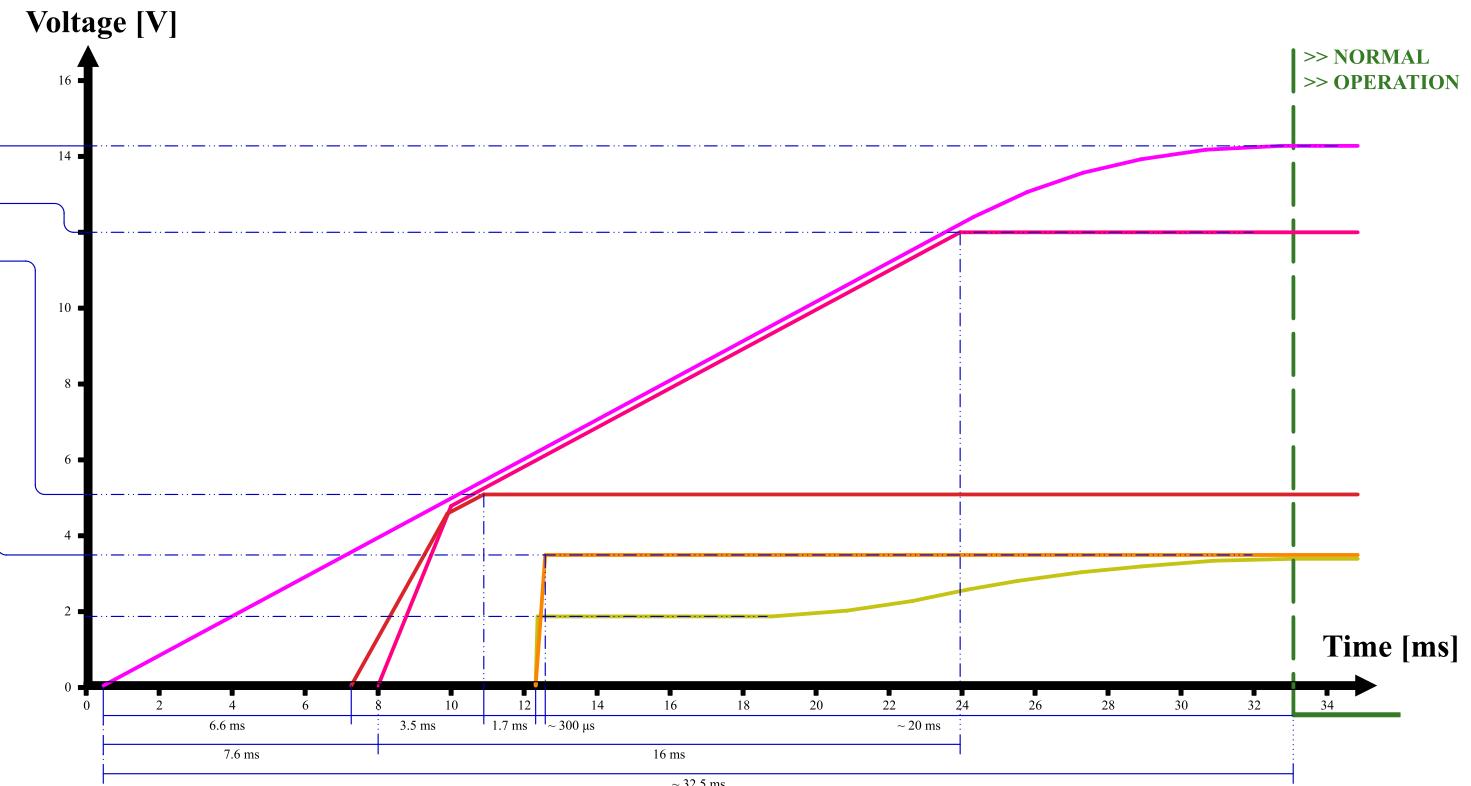


Indicators

	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
	Sheet Path: /Project Architecture/Section B - Title B/		Reviewer:	Revision: 0.1.0+ (Unreleased)
			Size: A3	Sheet: 5 of 7

[6] Mechanics

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



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

[7] **Mechanicals**

A

A

B

B

C

C

D

D

	Comments:	Company:	Variant:	Git Hash:
		EveryFlavorRobotics	PRELIMINARY	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