

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

**Variant: RELEASED**

**2026-01-16**

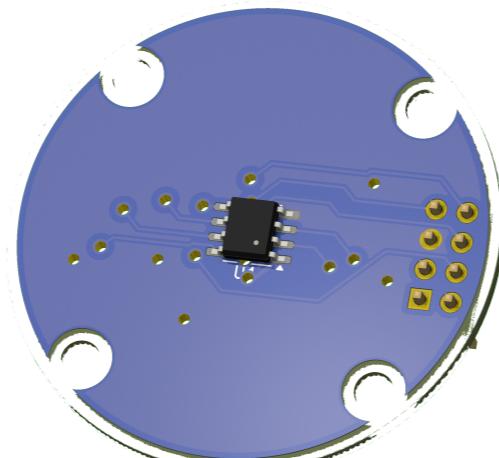
**Rev 0.1.0+ (Unreleased)**

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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

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: 16-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.

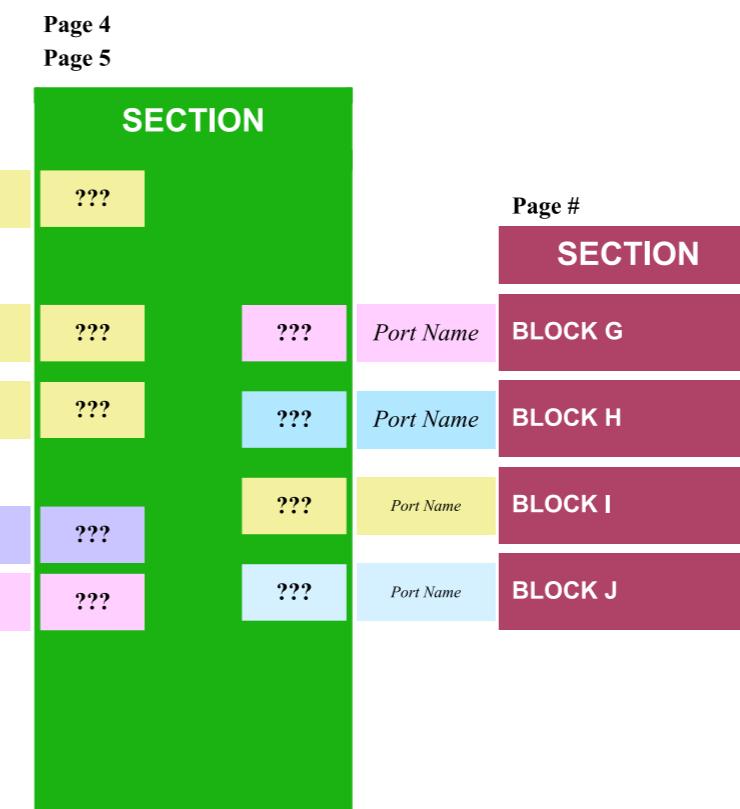
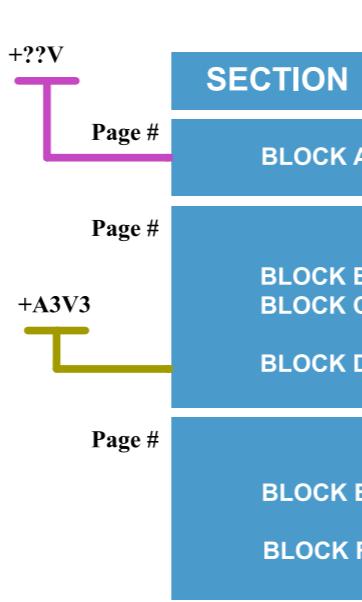
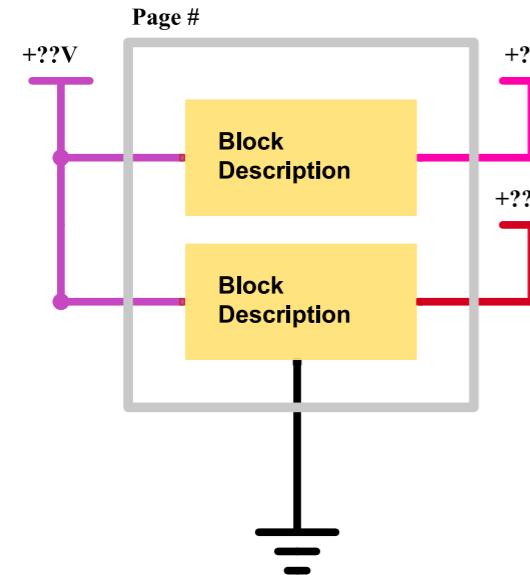
DESIGN NOTE:  
Example text for critical design notes.

LAYOUT NOTE:  
Example text for critical layout guidelines.

	Comments:	Company: EveryFlavorRobotics		Variant: RELEASED	Git Hash: 9c4664f
		Board Name:	<b>EncoGo</b>	Project Name: <b>CICD-Test</b>	
	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: <b>A3</b>	Sheet: <b>1</b> of <b>7</b>

# [2] Block Diagram

Block diagram not used for this project

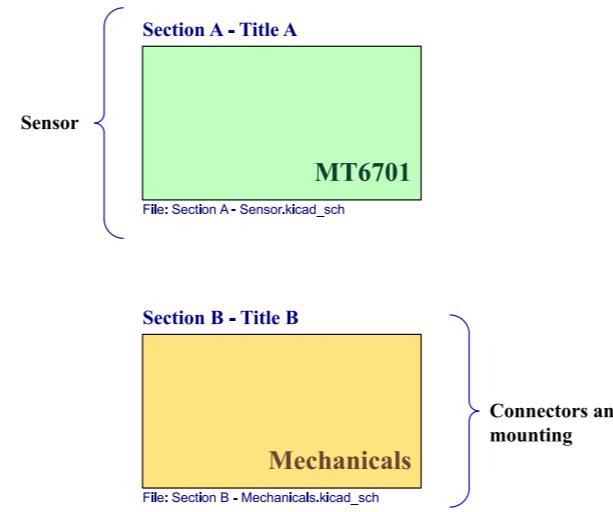


## Target specifications:

<b>Input voltage:</b>	?? - ?? V
<b>Spec 2</b>	??
<b>Spec 3</b>	??
<b>Spec 4</b>	??

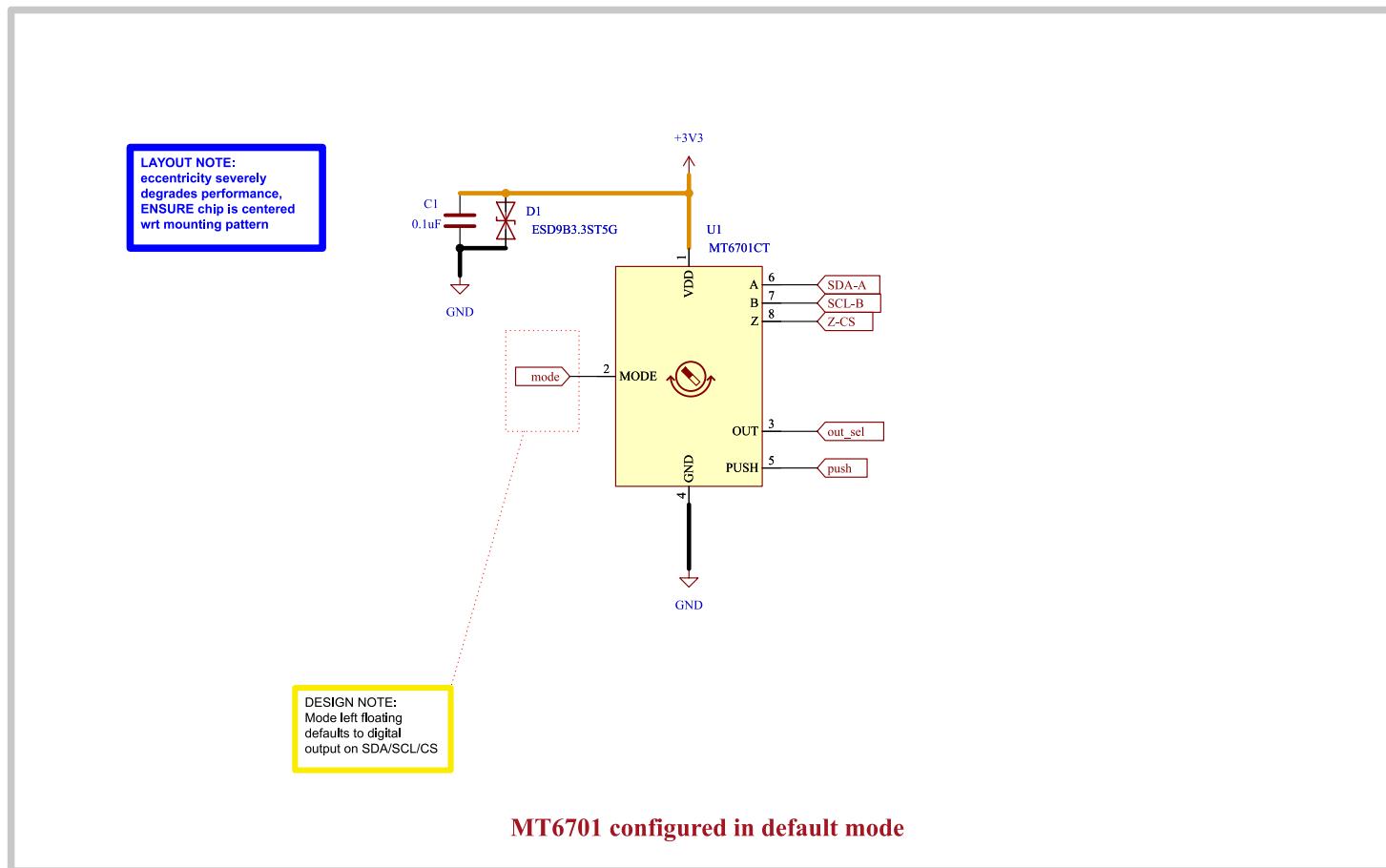
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		EveryFlavorRobotics		RELEASED	9c4664f
	Board Name:		Project Name:		
		EncoGo	CICD-Test		
	Sheet Title:	File Name:	Designer:	Date:	Revision:
	Block Diagram	Block Diagram.kicad_sch	Alexchunlin	2025-01-12	0.1.0+ (Unreleased)
	Sheet Path:		Reviewer: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

# [3] Project Architecture



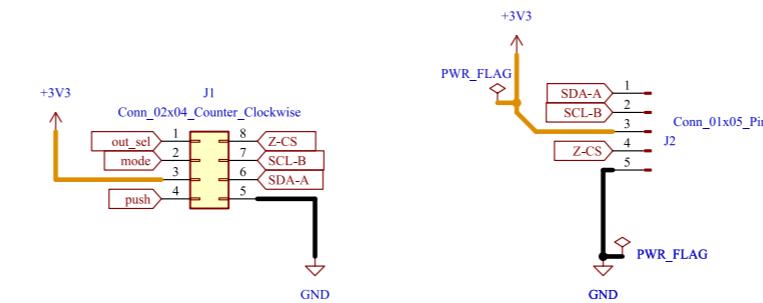
	Comments:    Sheet Title: Project Architecture  Sheet Path: /Project Architecture/	Company: <b>EveryFlavorRobotics</b>	Variant: <b>RELEASED</b>	Git Hash: <b>9c4664f</b>
		Board Name: <b>EncoGo</b>	Project Name: <b>CICD-Test</b>	
		File Name: Project Architecture.kicad_sch	Designer: Alexchunlin	Date: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

# [4] Sensor

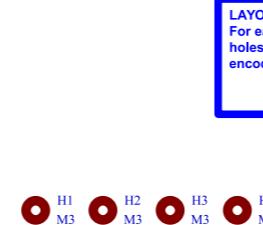


	Comments: Note on something important (example)	Company: EveryFlavorRobotics	Variant: RELEASED	Git Hash: 9c4664f
	Board Name: <b>EncoGo</b>	Project Name: <b>CICD-Test</b>		
	Sheet Title: Sensor	File Name: Section A - Sensor.kicad_sch	Designer: Alexchunlin	Date: 2025-01-12    Revision: 0.1.0+ (Unreleased)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

# [5] Mechanicals

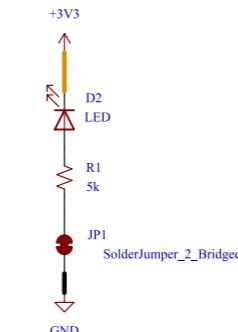


Connectors



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

Mounting holes

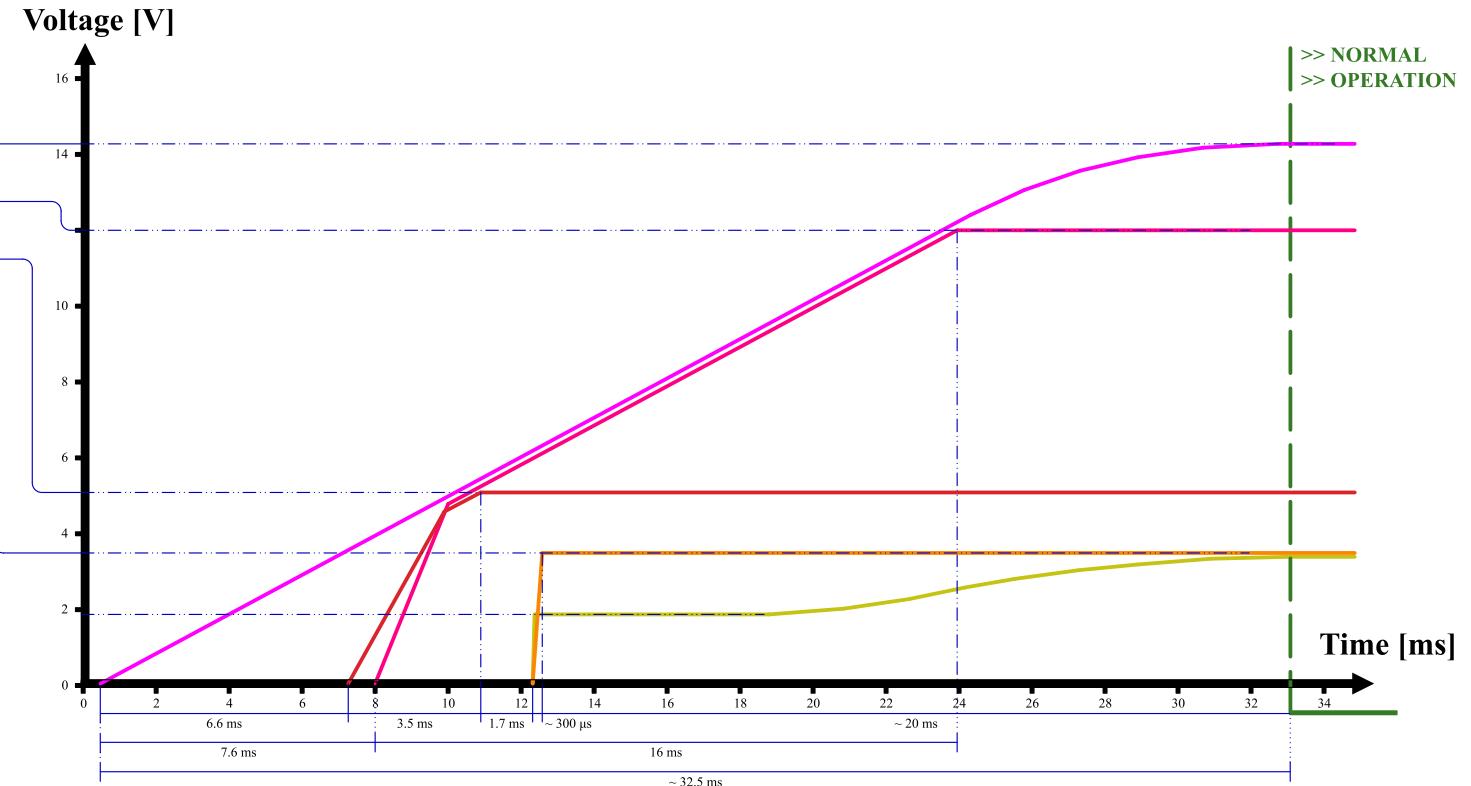


Indicators

	Comments:	Company: <b>EveryFlavorRobotics</b>	Variant: RELEASED	Git Hash: 9c4664f
	Board Name: <b>EncoGo</b>	Project Name: <b>CICD-Test</b>		
	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)

# [6] Mechanics

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



			Comments:	Company:	Variant:	Git Hash:	
				EveryFlavorRobotics			
			Board Name:	Project Name:			
			EncoGo	CICD-Test			
Sheet Title:		File Name:	Designer:	Date:	Revision:		
Mechanicals		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

B

C

A

B

C

	Comments:	Company:	Variant:	Git Hash:
		<b>EveryFlavorRobotics</b>	RELEASED	9c4664f
	Board Name:	<b>EncoGo</b>		Project Name: <b>CICD-Test</b>
	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: <b>A4</b>	Sheet: <b>7</b> of <b>7</b>