

Board Name

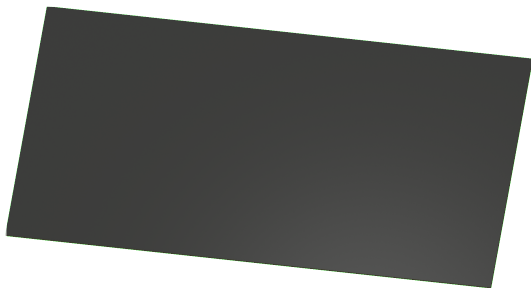
Variant: DRAFT

2026-01-07

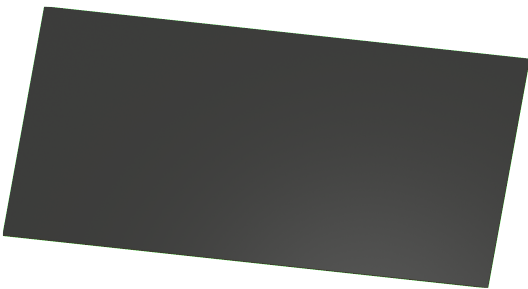
Rev + (Unreleased)

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TOP VIEW



BOTTOM VIEW



NOTES

Comment

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: 07-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:

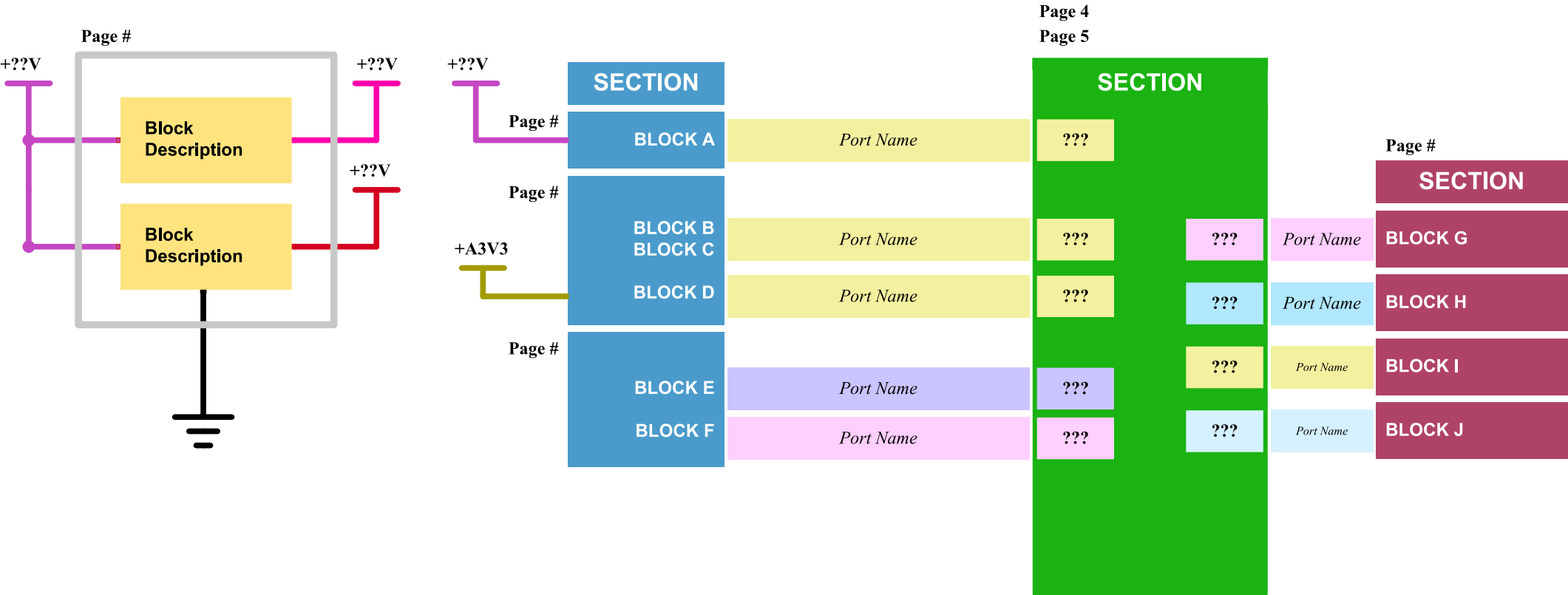
Example text for critical design notes.

LAYOUT NOTE:

Example text for critical layout guidelines.

	Comments:	Company: Company Name		Variant: DRAFT	Git Hash: 23fc206
	Sheet Title:	Board Name: Board Name		Project Name: KiBot Project	
	Sheet Path: /	File Name: solar_smart_station.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)
			Reviewer:	Size: A3	Sheet: 1 of 8

[2] Block Diagram



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

	Comments:		Company:		Variant:		Git Hash:			
			Company Name		DRAFT		23fc206			
			Board Name:			Project Name:				
			Board Name			KiBot Project				
	Sheet Title:		File Name:		Designer:		Date:		Revision:	
Block Diagram		Block Diagram.kicad_sch		Author		2025-01-12		+ (Unreleased)		
Sheet Path:		/Block Diagram/			Reviewer:		Size:		Sheet:	
	A3						2 of 8			

[3] Project Architecture

Description

SolarCharger

Page 4

File: Section A - Title A.kicad_sch

MCU

Page 5

File: Section B - Title B.kicad_sch

Description

Connectors

File: connectors.kicad_sch

	Comments:	Company: Company Name		Variant: DRAFT	Git Hash: 23fc206
		Board Name: Board Name		Project Name: KiBot Project	
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: A3	Sheet: 3 of 8

[4] Solar Charger

LAYOUT NOTE:
blablabla

DESIGN NOTE:
blablabla

U1
BQ25672RQMR

AN5346
STM32G474 Datasheet p.81
J. Pieper ADC investigation

	Comments:	Company:	Variant:	Git Hash:
		Company Name	DRAFT	23fc206
		Board Name:	Project Name:	
		Board Name	KiBot Project	
Sheet Title:	File Name:	Designer:	Date:	Revision:
Solar Charger	Section A - Title A.kicad_sch	Author	2025-01-12	+ (Unreleased)
Sheet Path:	Reviewer:	Size:	Sheet:	
/Project Architecture/SolarCharger/		A3	4 of 8	

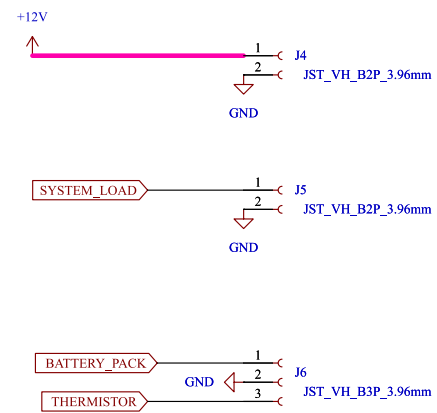
DESIGN NOTE:
blablabla

	Comments:	Company:		Git Variant:		Git Hash:	
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		Board Name:			Project Name:		
		Board Name			KiBot Project		
Sheet Title:	File Name:		Designer:	Date:	Revision:		
Solar Charger	Section A - Title A.kicad_sch		Author	2025-01-12	+ (Unreleased)		
Sheet Path:			Reviewer:	Size:	Sheet:		
/Project Architecture/SolarCharger/				A3	4 of 8		

[illegible]

LAYOUT NOTE:
blabla

Size: **A3** Sheet: **5** of **8**

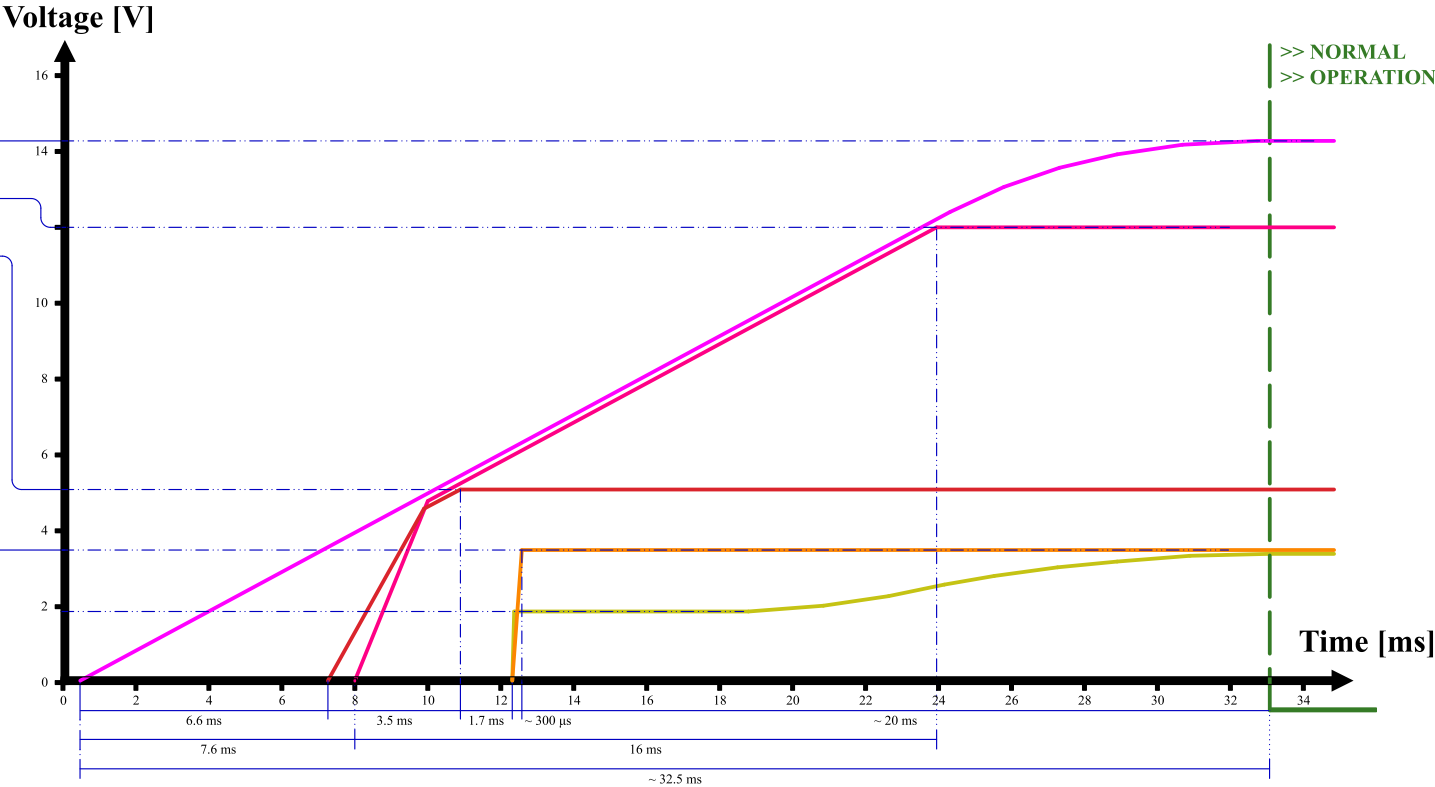


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Board Name:			Project Name:			
Board Name			KiBot Project			
Sheet Title:	File Name:	Designer:	Date:	Revision:		
Connectors	connectors.kicad_sch	Author	2025-01-12	+ (Unreleased)		
Sheet Path:		Reviewer:	Size:	Sheet:		
/Project Architecture/Connectors/			A3	6 of 8		

	1	2	3	4	5	6	7	8
A	<div>[7] Revision History</div>							
B								
C								
D								
E								
F								

[8] Power - Sequencing

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



	Comments:		Company: Company Name		Variant: DRAFT	Git Hash: 23fc206
			Board Name: Board Name		Project Name: KiBot Project	
	Sheet Title: Power - Sequencing		File Name: Power - Sequencing.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /Power - Sequencing/			Reviewer:	Size: A3	Sheet: 8 of 8