

Board Name

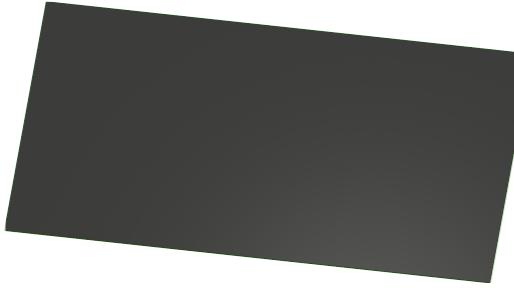
2026-01-07

Variant: DRAFT

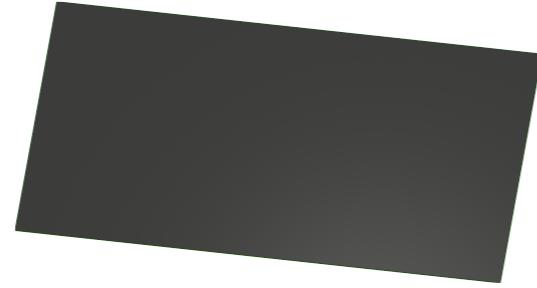
Rev + (Unreleased)

Page	Index	Page	Index	Page	Index	Page	Index
1	Cover Page	11	21	31
2	Block Diagram	12	22	32
3	Project Architecture	13	23	33
4	SolarCharger	14	24	34
5	MCU	15	25	35
6	Connectors	16	26	36
7	Revision History	17	27	37
8	Power - Sequencing	18	28	38
9	19	29	39
10	20	30	40

TOP VIEW



BOTTOM VIEW



NOTES

Comment

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: 07-Jan-2026

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

DESIGN NOTE:
Example text for debug notes.

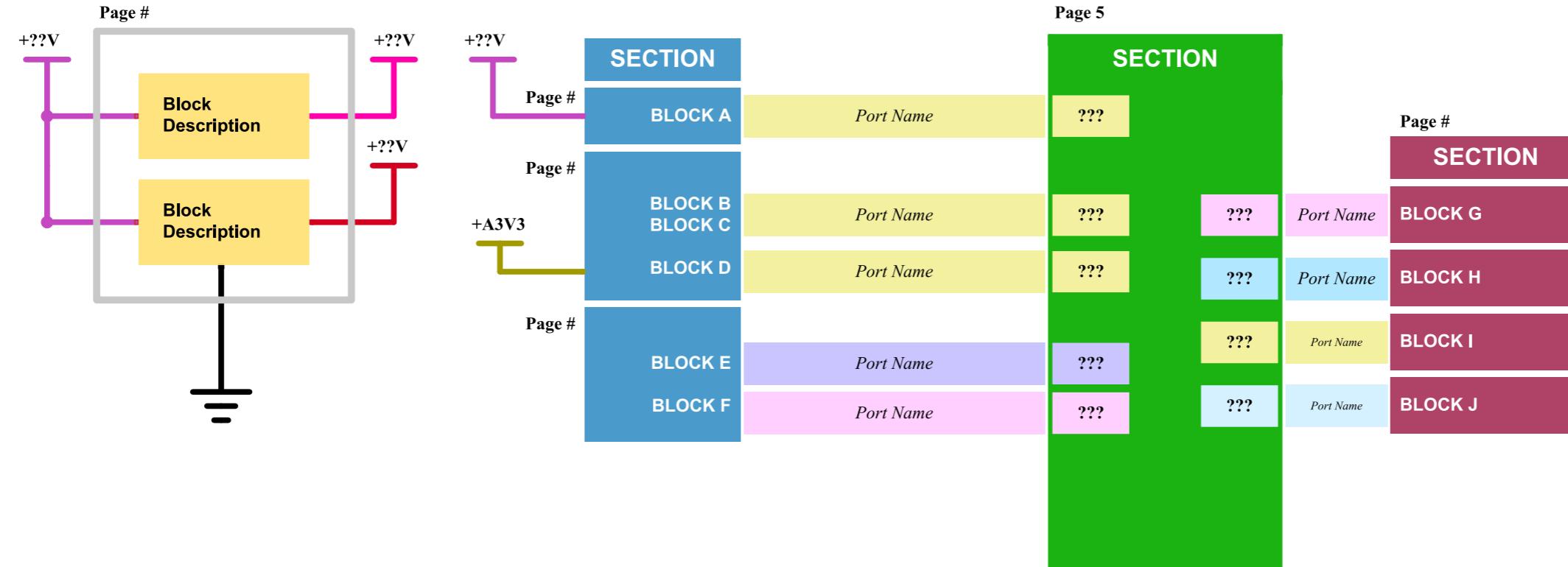
DESIGN NOTE:
Example text for cautionary design notes.

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
	Board Name: Board Name	Project Name: KiBot Project		
	Sheet Title: File Name: solar_smart_station.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /	Reviewer:	Size: A3	Sheet: 1 of 8

[2] Block Diagram

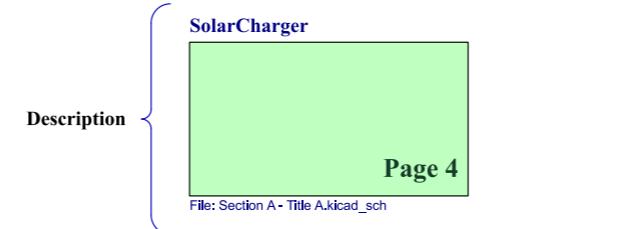


Target specifications:

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

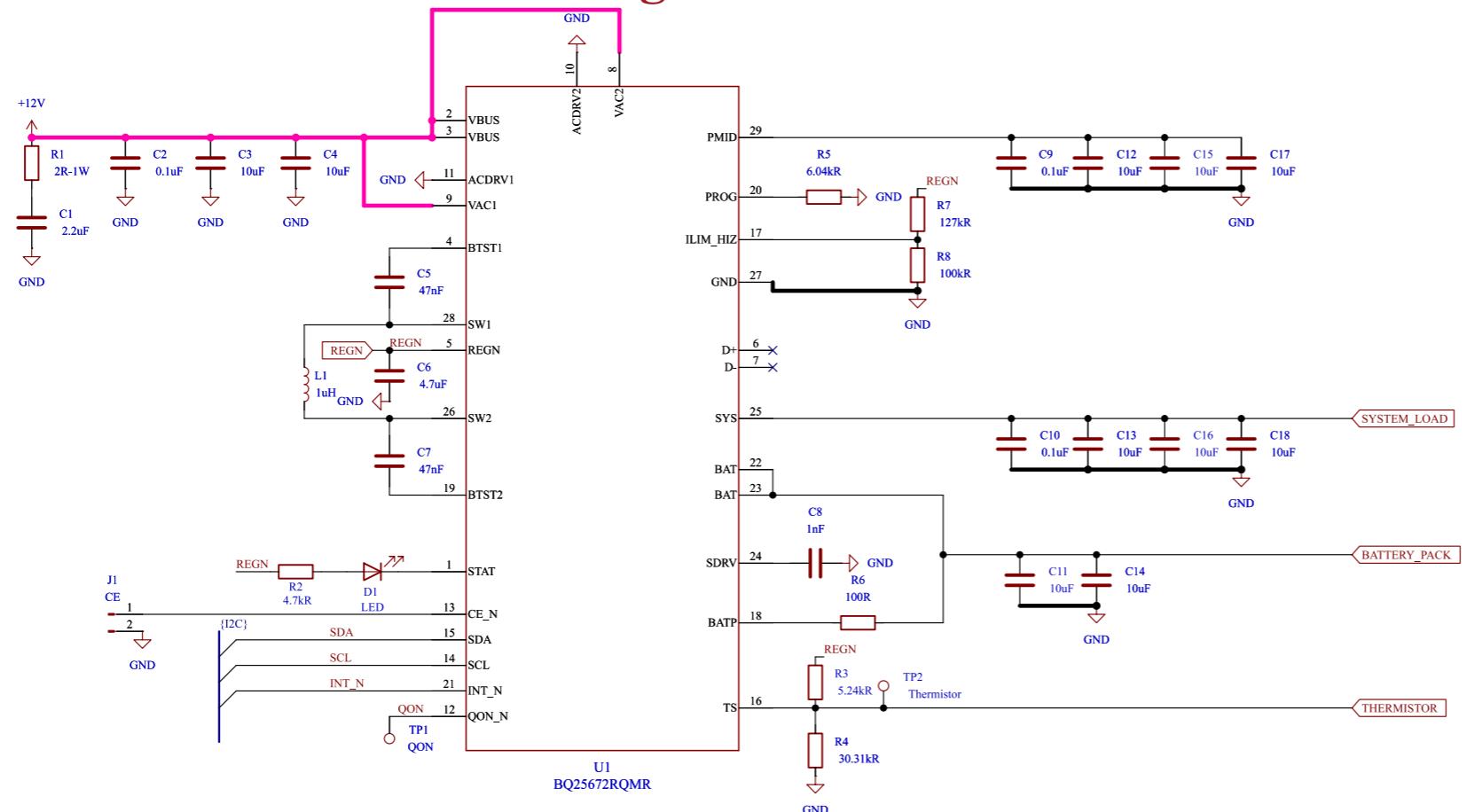
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	Board Name: Board Name	Project Name: KiBot Project		
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Block Diagram/	Reviewer:	Size: A3	Sheet: 2 of 8

[3] Project Architecture



	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 + (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: A3 Sheet: 3 of 8

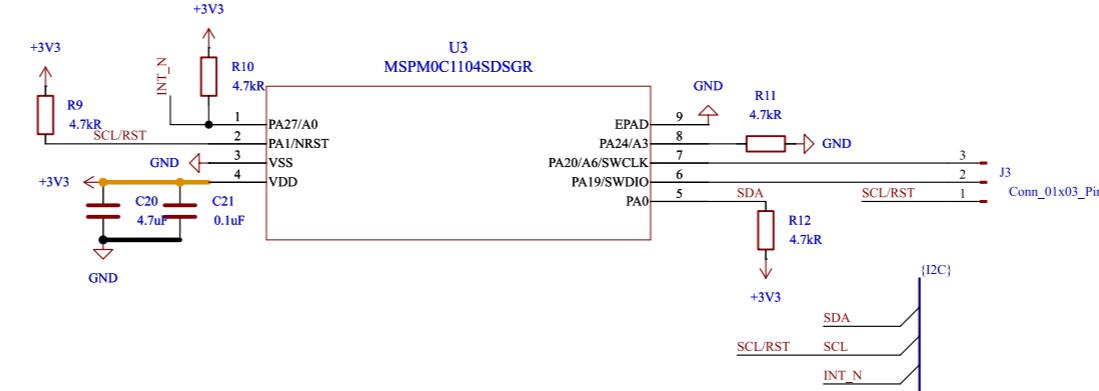
[4] Solar Charger



AN5346
STM32G474 Datasheet p.81
J. Pieper ADC investigation

	Comments:	Company:	Variant:	Git Hash:	
		Company Name			
	Board Name:	Board Name		Project 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	

[5] MCU

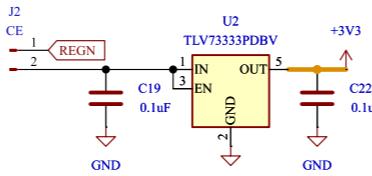


DESIGN NOTE:
blabla

DESIGN NOTE:
blabla

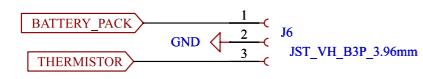
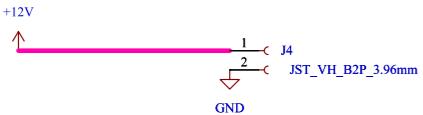
LAYOUT NOTE:
blabla

Block Description



Block Description

Comments: References: Flexible I/O worked examples Flexible I/O source configuration	Company: Company Name	Variant: DRAFT	Git Hash: 23fc206
	Board Name: Board Name	Project Name: KiBot Project	
Sheet Title: MCU	File Name: Section B - Title B.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
Sheet Path: /Project Architecture/MCU/	Reviewer:	Size: A3	Sheet: 5 of 8

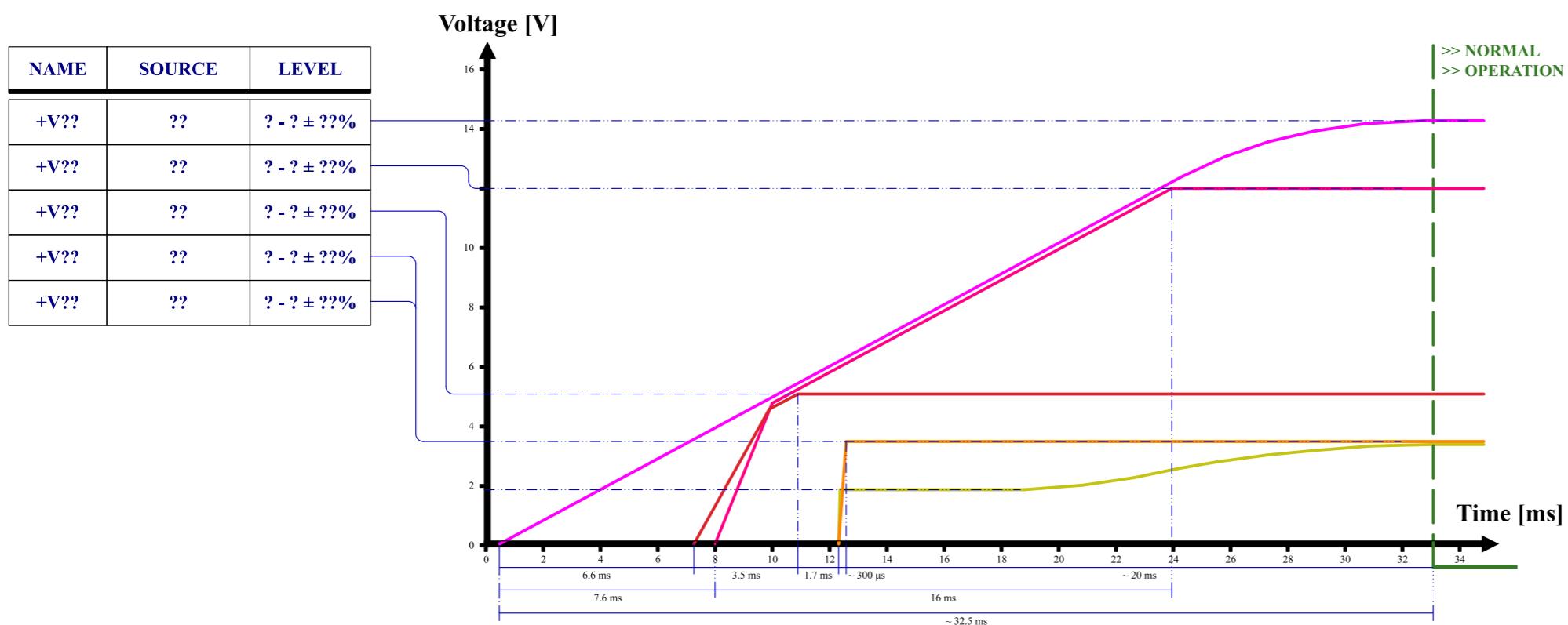


	Comments:	Company: Company Name	Variant: DRAFT	Git Hash: 23fc206
	Board Name: Board Name	Project Name: KiBot Project		
	Sheet Title: Connectors	File Name: connectors.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Project Architecture/Connectors/	Reviewer:	Size: A3	Sheet: 6 of 8

[7] Revision History

	Comments:	Company: Company Name	Variant: DRAFT	Git Hash: 23fc206
		Board Name: Board Name	Project Name: KiBot Project	
		Sheet Title: Revision History	File Name: Revision History.kicad_sch	Designer: Author Date: 2025-01-12 Revision: + (Unreleased)
		Sheet Path: /Revision History/	Reviewer:	Size: A3 Sheet: 7 of 8

[8] Power - Sequencing



	Comments:	Company:	Variant: DRAFT	Git Hash: 23fc206
		Company Name		
		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