

Board Name

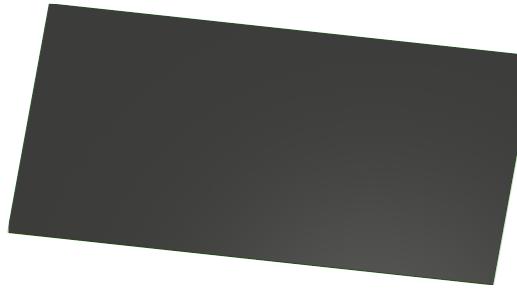
2026-01-04

Variant: DRAFT

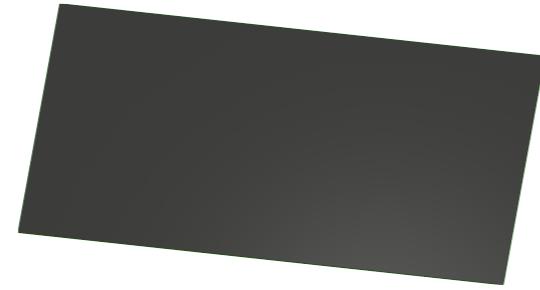
Rev + (Unreleased)

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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: 04-Jan-2026

DESIGN CONSIDERATIONS

DESIGN NOTE:  
Example text for informational design notes.

DESIGN NOTE:  
Example text for debug notes.

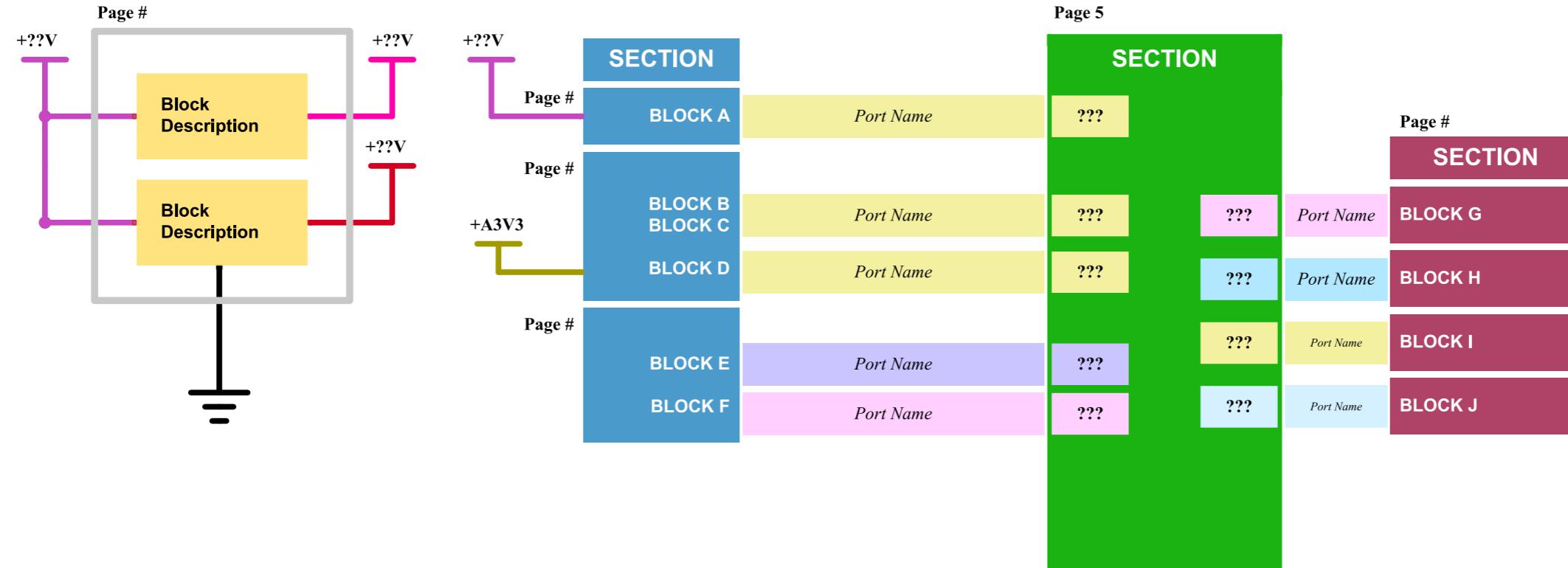
DESIGN NOTE:  
Example text for cautionary design notes.

DESIGN NOTE:  
Example text for critical design notes.

LAYOUT NOTE:  
Example text for critical layout guidelines.

	Comments:	Company: Company Name	Variant: DRAFT	Git Hash: 5daa2b1
	Board Name: <b>Board Name</b>	Project Name: <b>KiBot Project</b>		
	Sheet Title: File Name: solar_smart_station.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /	Reviewer:	Size: <b>A3</b>	Sheet: <b>1 of 7</b>

# [2] Block Diagram

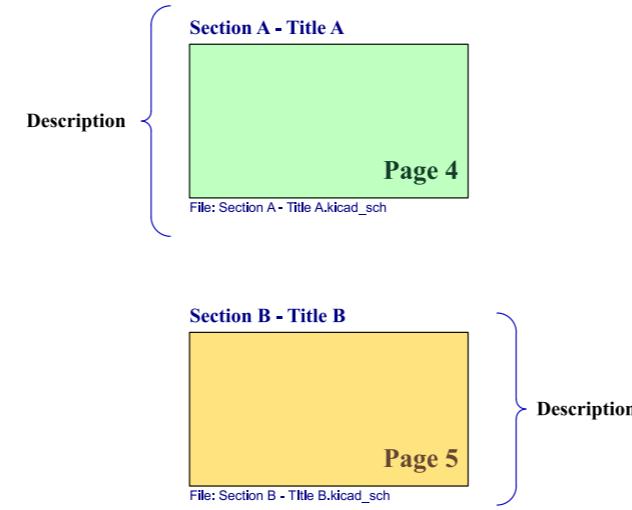


## Target specifications:

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

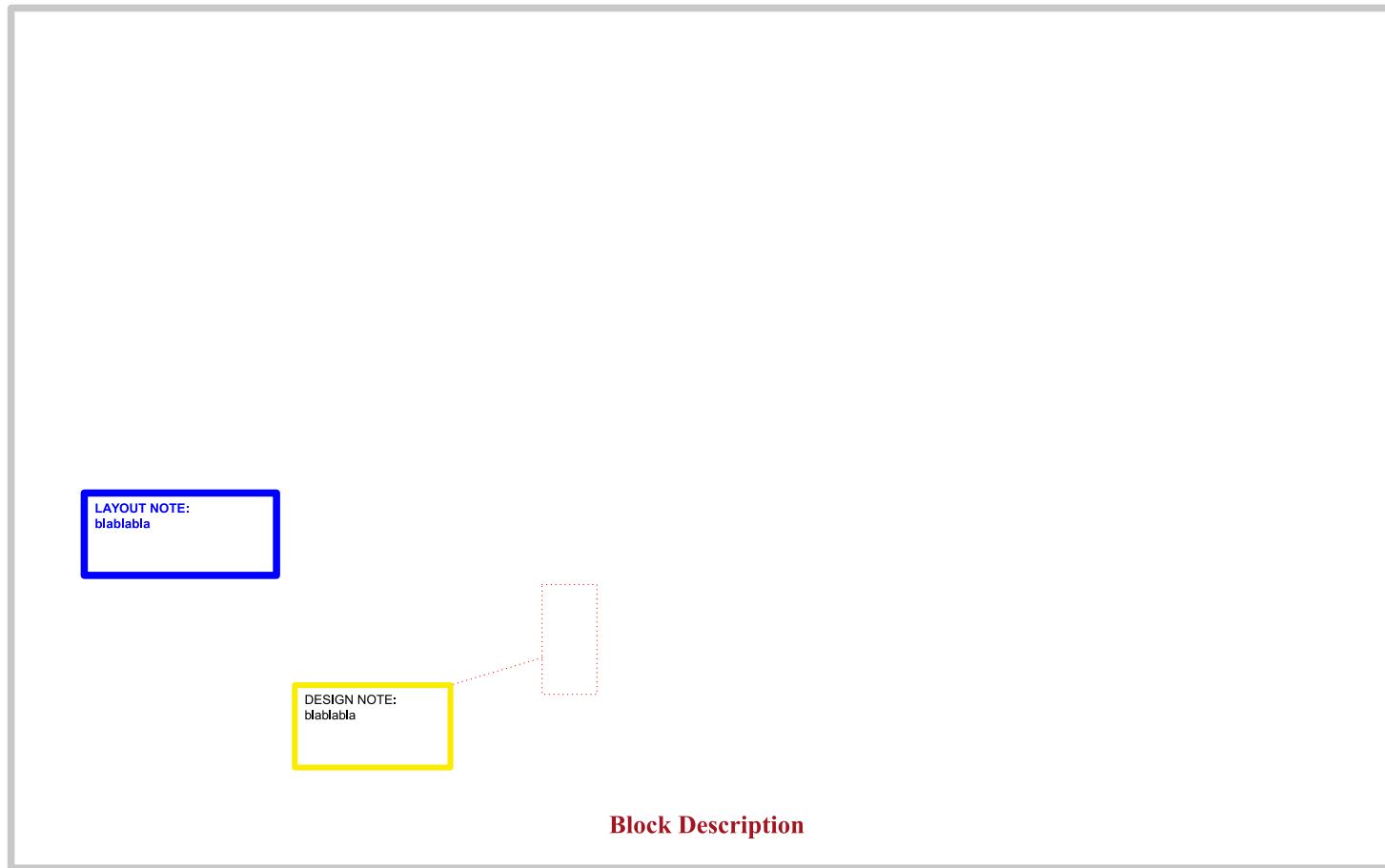
	Comments:	Company: Company Name	Variant: DRAFT	Git Hash: 5daa2b1
	Board Name: <b>Board Name</b>	Project Name: <b>KiBot Project</b>		
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Block Diagram/		Reviewer:	Size: <b>A3</b> Sheet: <b>2 of 7</b>

# [3] Project Architecture



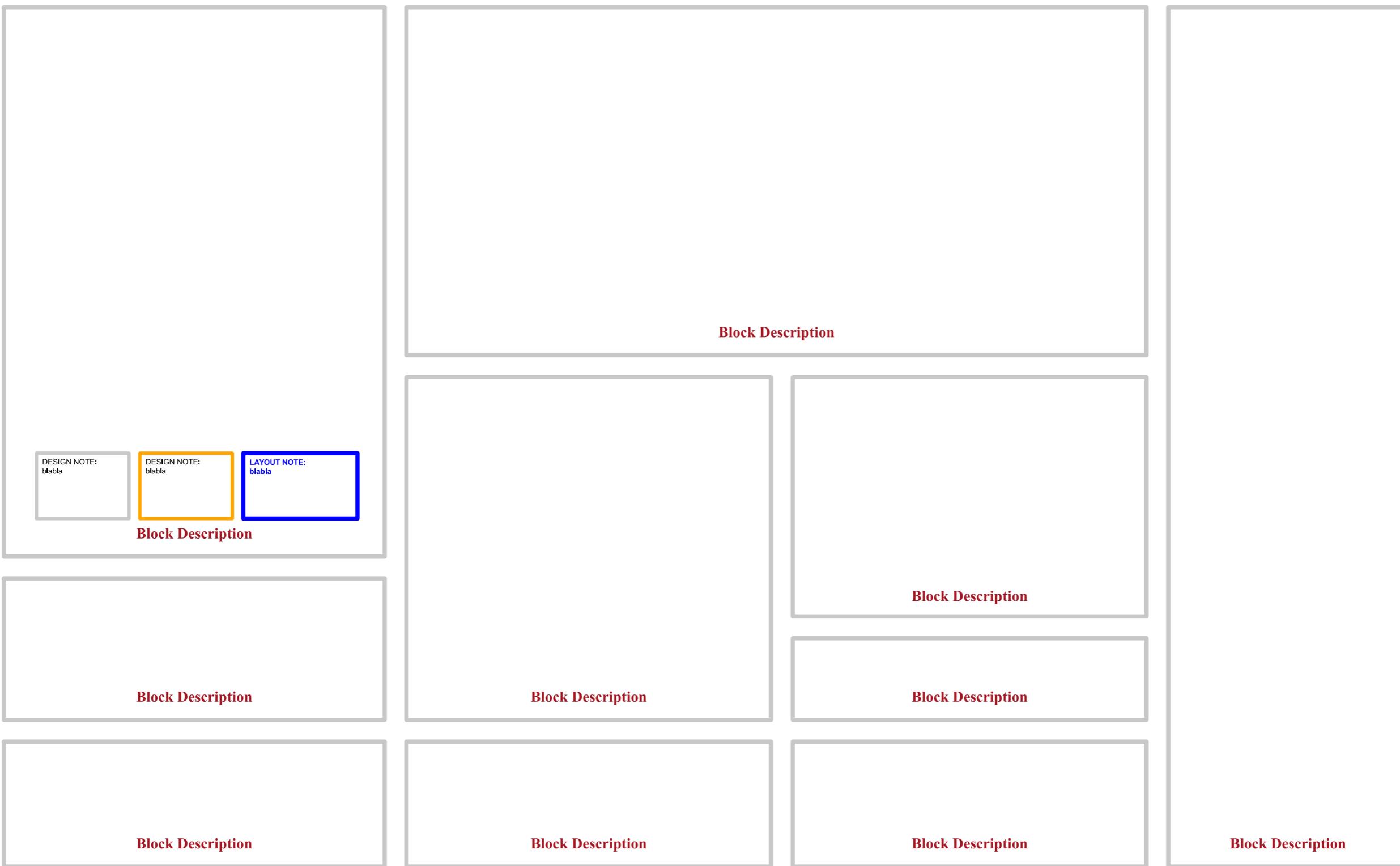
	Comments:	Company: Company Name	Variant: DRAFT	Git Hash: 5daa2b1
		Board Name: <b>Board Name</b>	Project Name: <b>KiBot Project</b>	
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: <b>A3</b> Sheet: <b>3 of 7</b>

# [4] Sheet Title A



		Comments: AN5346 STM32G474 Datasheet p.81 J. Pieper ADC investigation	Company: Company Name	Variant: DRAFT	Git Hash: 5daa2b1		
		Board Name: <b>Board Name</b>	Project Name: <b>KiBot Project</b>				
		Sheet Title: Sheet Title A	File Name: Section A - Title A.kicad_sch	Designer: Author	Date: 2025-01-12	Revision: + (Unreleased)	
		Sheet Path: /Project Architecture/Section A - Title A/			Reviewer:	Size: <b>A4</b>	Sheet: <b>4</b> of <b>7</b>

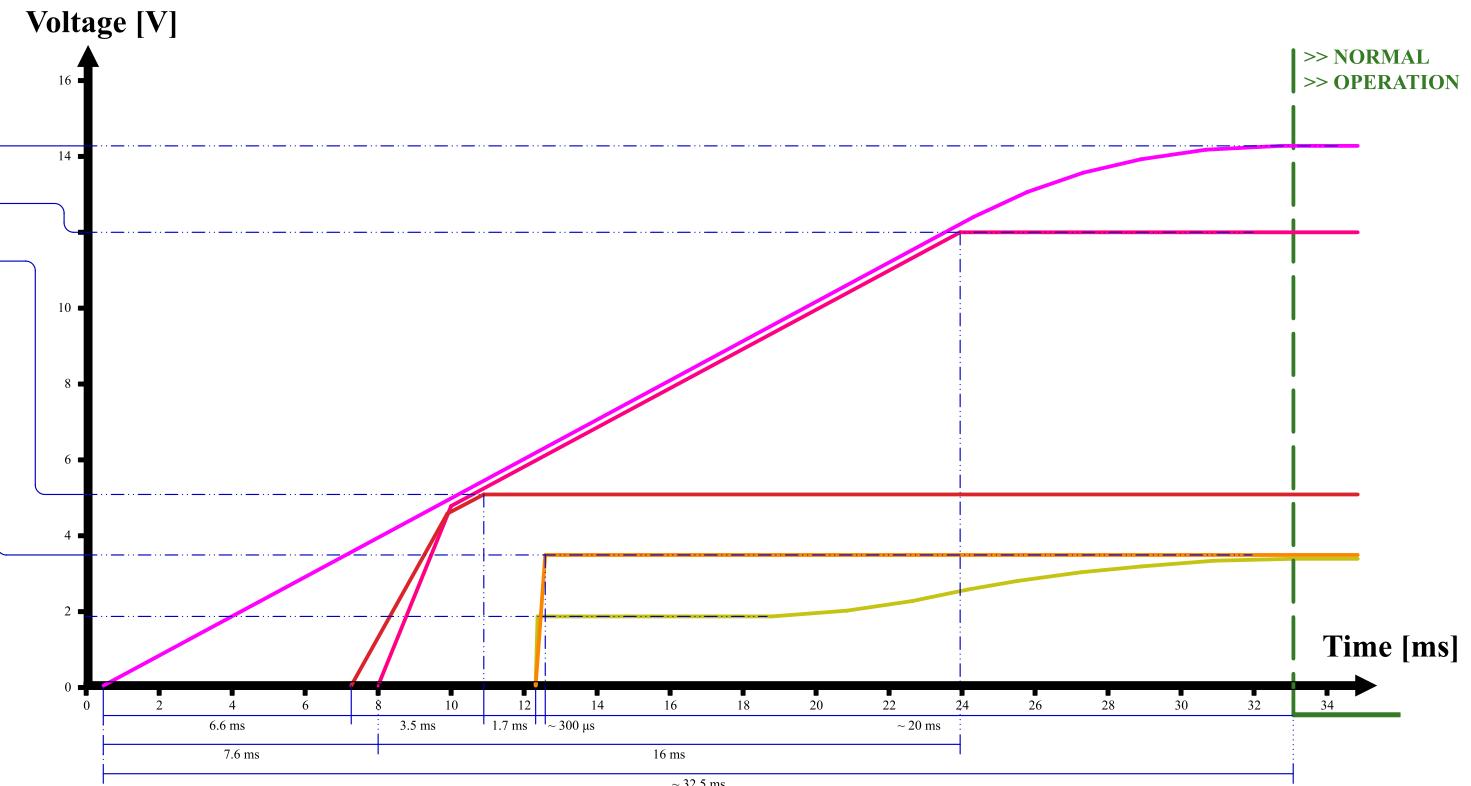
# [5] Sheet Title B



	Comments: References: Flexible I/O worked examples Flexible I/O source configuration	Company: Company Name	Variant: DRAFT	Git Hash: 5daa2b1
	Board Name: <b>Board Name</b>	Project Name: <b>KiBot Project</b>		
	Sheet Title: Sheet Title B	File Name: Section B - Title B.kicad_sch	Designer: Author	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Project Architecture/Section B - Title B/	Reviewer:	Size: <b>A3</b>	Sheet: <b>5 of 7</b>

# [6] Power - Sequencing

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



		Comments:  Company: Company Name  Board Name: <b>Board Name</b>	Variant: DRAFT		Git Hash: 5daa2b1
			Project Name: <b>KiBot Project</b>		
			Sheet Title: Power - Sequencing	File Name: Power - Sequencing.kicad_sch	Designer: Author
			Reviewer:		Date: 2025-01-12
Sheet Path:  /Power - Sequencing/			Revision: + (Unreleased)	Size: <b>A4</b>	Sheet: <b>6</b> of 7

# [7] Revision History

A					A
B					B
C					C
D					D
		Comments:  Revision History	Company: Company Name  Board Name: <b>Board Name</b>	Variant: DRAFT  Project Name: <b>KiBot Project</b>	Git Hash: 5daa2b1
		Sheet Title: Revision History	File Name: Revision History.kicad_sch	Designer: Author	Date: 2025-01-12 Revision: + (Unreleased)
		Sheet Path: <a href="#">/Revision History/</a>	Reviewer:	Size: <b>A4</b>	Sheet: <b>7</b> of 7