

0

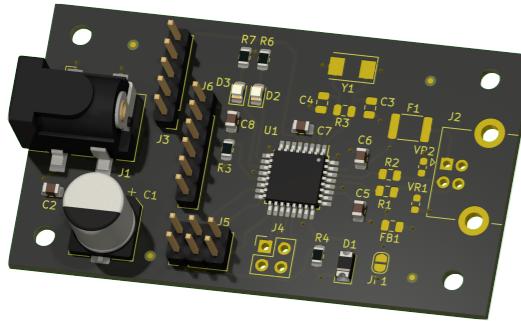
2025-12-10

Variant: PRELIMINARY

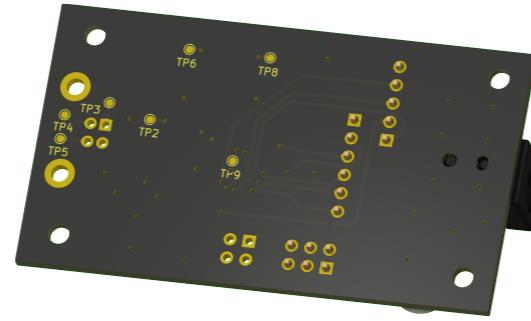
Rev + (Unreleased)

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	Section A - Title A	14		24		34	
5	Section B - Title B	15		25		35	
6	Power - Sequencing	16		26		36	
7	Revision History	17		27		37	
8		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: 10-Dec-2025

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

DESIGN NOTE:
Example text for debug notes.

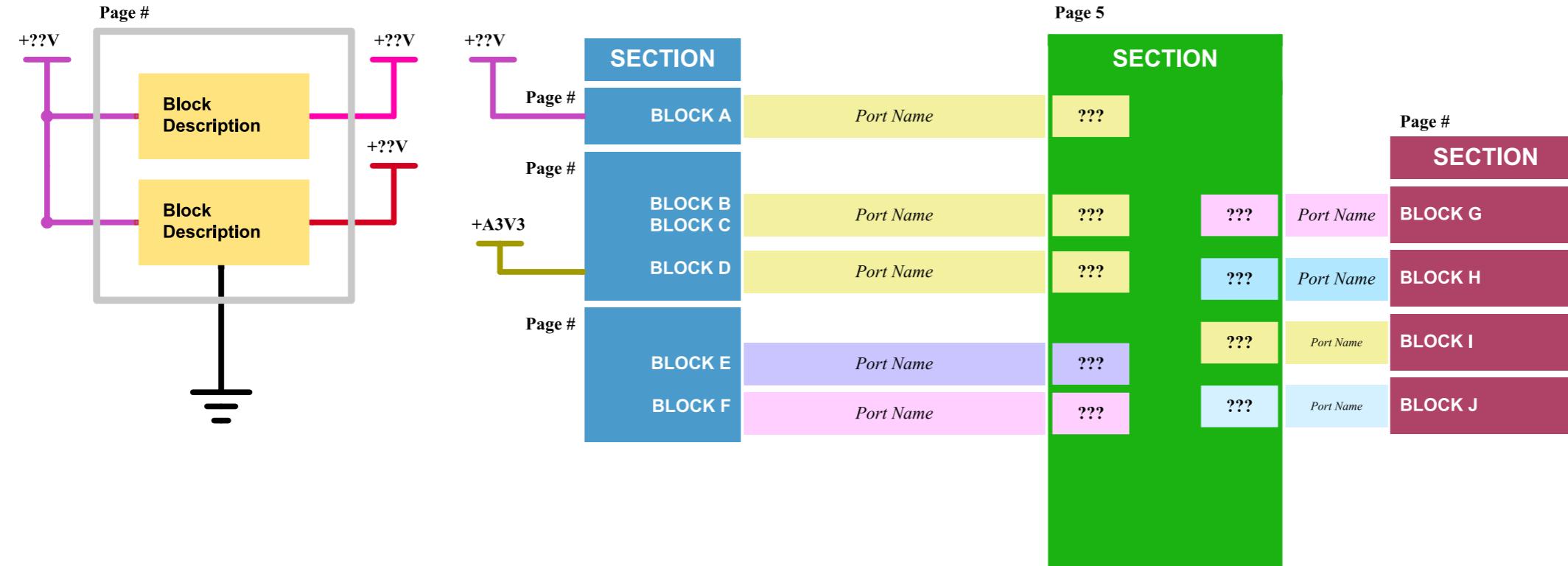
DESIGN NOTE:
Example text for cautionary design notes.

DESIGN NOTE:
Example text for critical design notes.

LAYOUT NOTE:
Example text for critical layout guidelines.

	Comments:	Company:	Variant:	Git Hash:
	INTI		PRELIMINARY	c440c30
	Board Name:		Project Name:	
	0		Test KDT	
	Sheet Title:	File Name:	Designer:	Date:
		KDT_Hierarchical_KiBot.kicad_sch	SET	2025-01-12 + (Unreleased)
	Sheet Path:		Reviewer:	Size:
	/			A3
			Sheet:	1 of 7

[2] Block Diagram

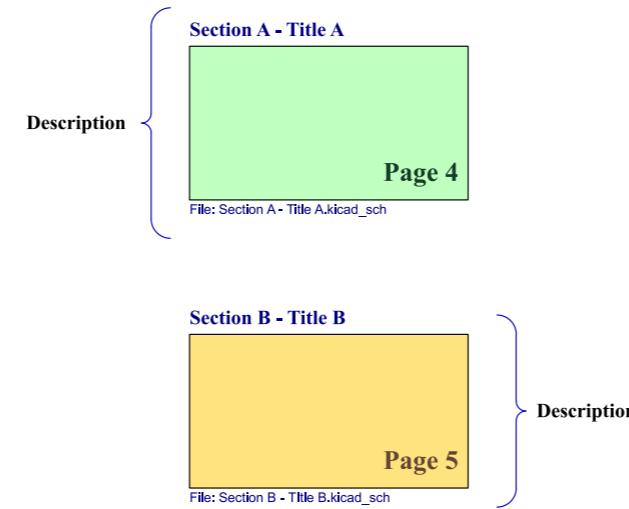


Target specifications:

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

	Comments: INTI	Company: INTI		Variant: PRELIMINARY	Git Hash: c440c30
		Board Name: 0	Project Name: Test KDT		
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch		Reviewer:	Date: 2025-01-12 + (Unreleased)
		Designer: SET			
	Sheet Path: /Block Diagram/	Size: A3		Sheet: 2 of 7	
		Review Date:			

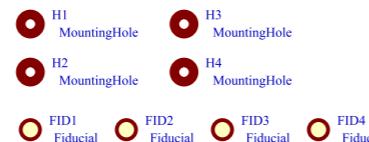
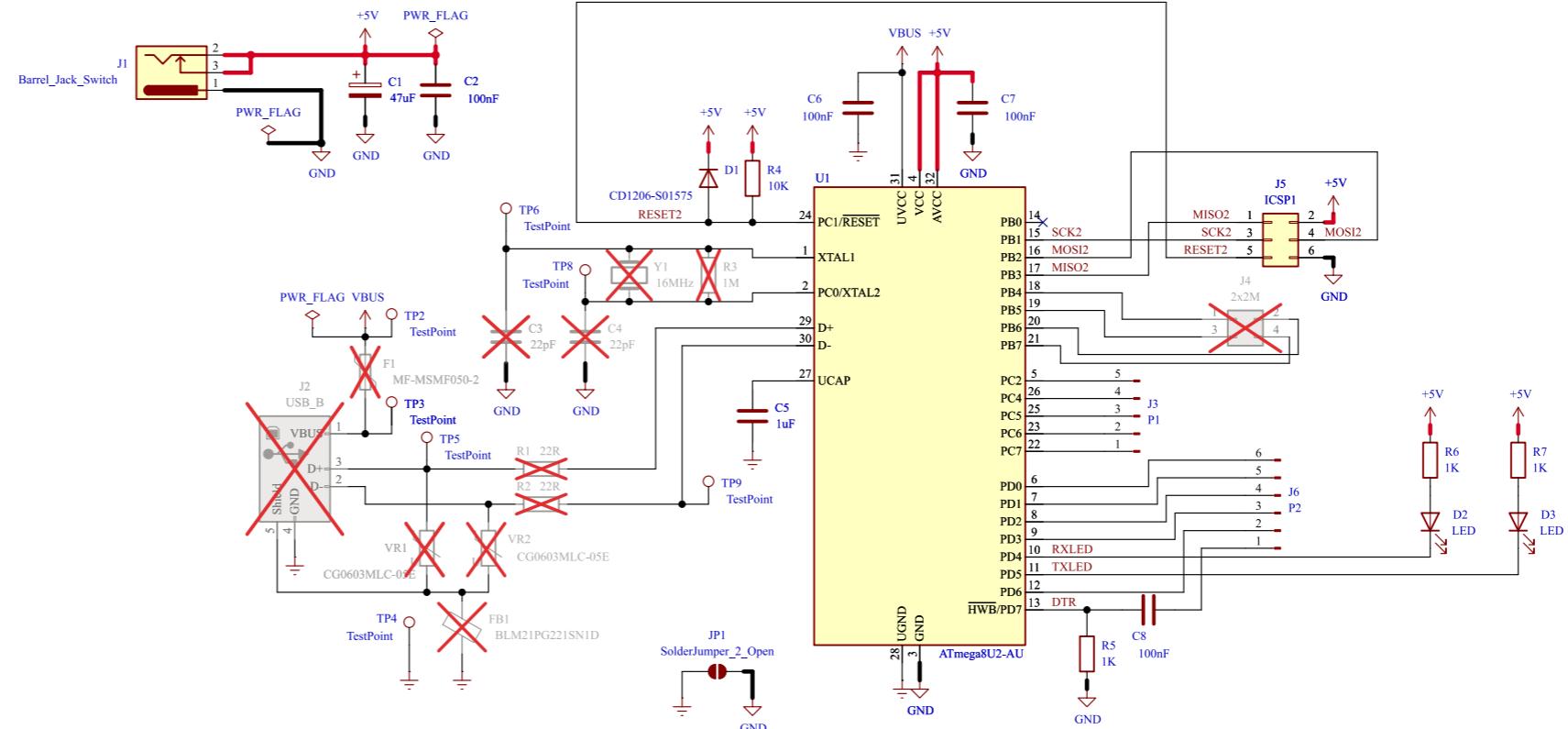
[3] Project Architecture



	Comments:	Company: INTI	Variant: PRELIMINARY	Git Hash: c440c30
	Board Name: 0		Project Name: Test KDT	
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: SET	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: A3 Sheet: 3 of 7

[4] Sheet Title A

KiBot variants example
Not a real life board



Open source
hardware

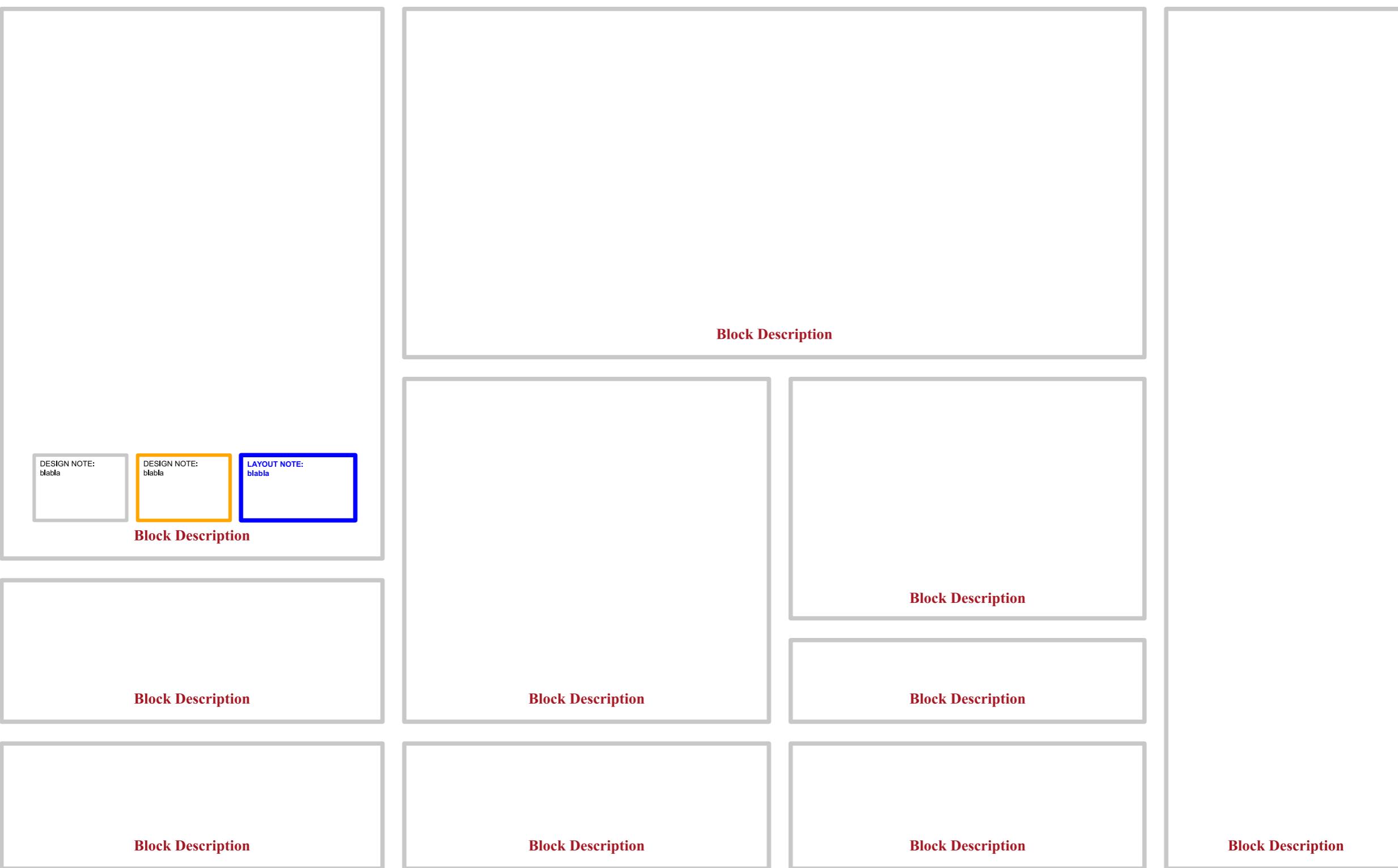


This logo has a REF starting with #
Won't be passed to the PCB

Block Description

Comments:	Company:	Variant:	Git Hash:
INTI	PRELIMINARY	c440c30	
Board Name:	Project Name:		
0	Test KDT		
Sheet Title:	File Name:	Designer:	Date:
Sheet Title A	Section A - Title A.kicad_sch	SET	2025-01-12 + (Unreleased)
Sheet Path:	Reviewer:	Size:	Sheet:
/Project Architecture/Section A - Title A/		A3	4 of 7

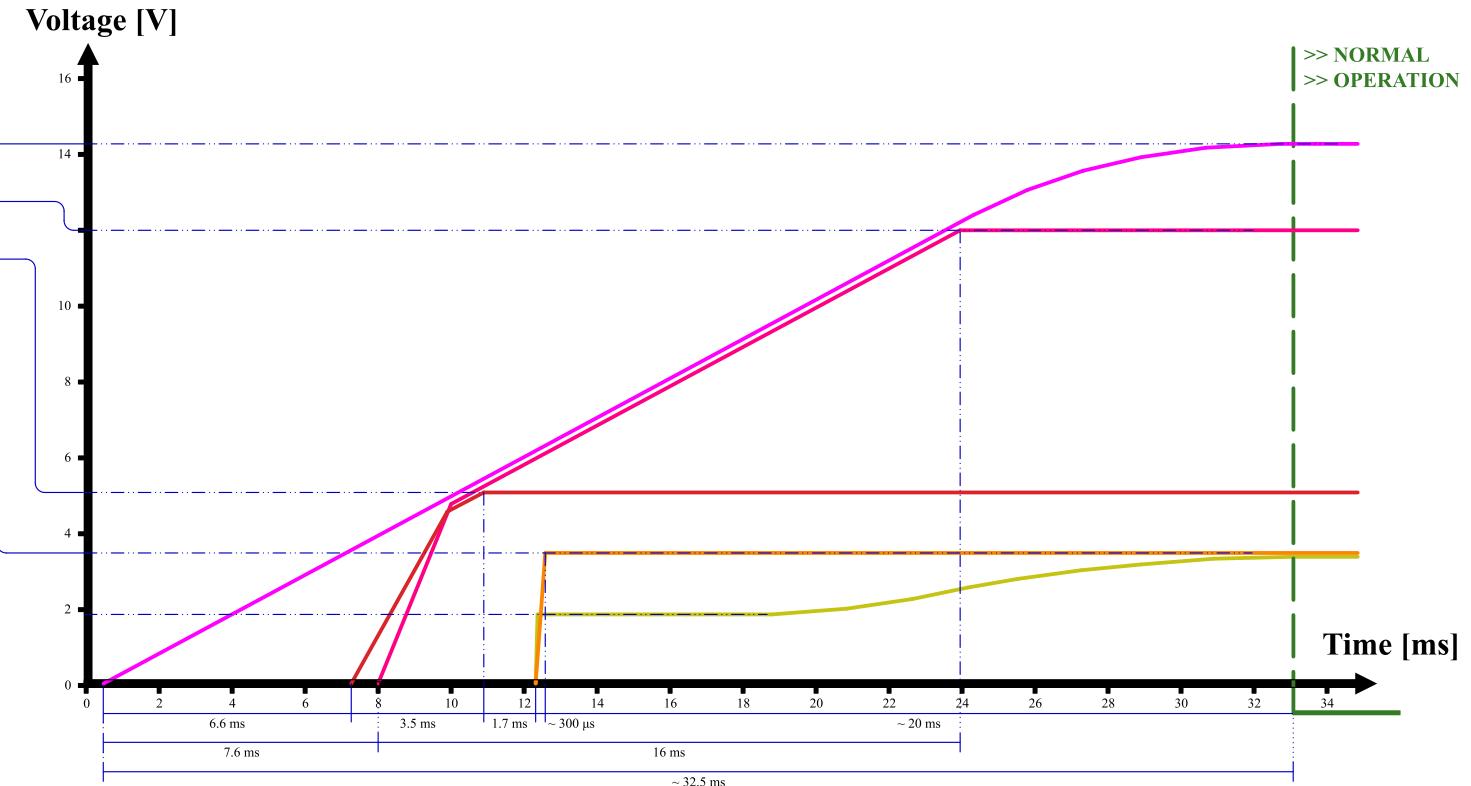
[5] Sheet Title B



	Comments: References: Flexible I/O worked examples Flexible I/O source configuration	Company: INTI	Variant: PRELIMINARY	Git Hash: c440c30
	Sheet Title: Sheet Title B	File Name: Section B - Title B.kicad_sch	Designer: SET	Project Name: Test KDT
	Sheet Path: /Project Architecture/Section B - Title B/	Reviewer:	Size: A3	Date: 2025-01-12 + (Unreleased)
			Sheet: 5 of 7	

[6] Power - Sequencing

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



		Comments: INTI Board Name: 0	Company: INTI		Variant: PRELIMINARY	Git Hash: c440c30
			Sheet Title: Power - Sequencing			
			File Name: Power - Sequencing.kicad_sch		Designer: SET	Date: 2025-01-12
			Sheet Path: /Power - Sequencing/		Reviewer: A4	Revision: + (Unreleased)
				Size: A4		Sheet: 6 of 7

[7] Revision History

	Comments:	Company: INTI	Variant: PRELIMINARY	Git Hash: c440c30
		Board Name: 0	Project Name: Test KDT	
	Sheet Title: Revision History	File Name: Revision History.kicad_sch	Designer: SET	Date: 2025-01-12 Revision: + (Unreleased)
	Sheet Path: /Revision History/		Reviewer:	Size: A4 Sheet: 7 of 7