

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

Module

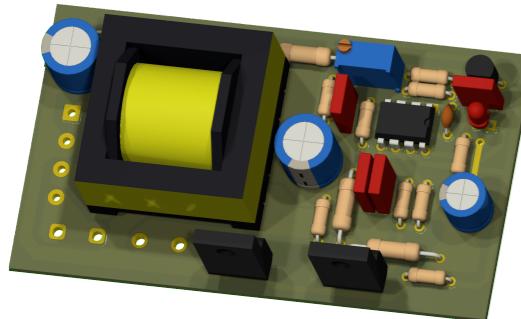
Rev + (Unreleased)

Variant: PRELIMINARY

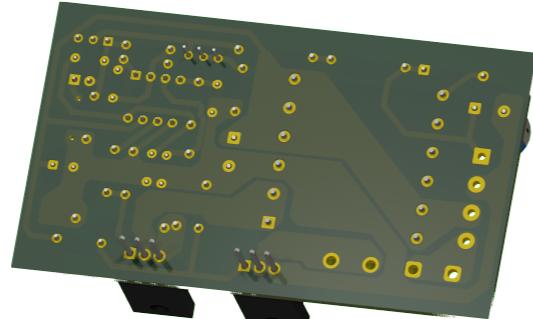
2025-12-14

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TOP VIEW



BOTTOM VIEW



NOTES

Comment

Not fitted components are marked as

DRAFT - Early concept stage, schematic drafted.

PRELIMINARY - Minor schematic changes are expected, ready for layout planning.

CHECKED - DRC completed, schematic and layout ready for review.

RELEASED - Design ready for manufacturing.

Date: 14-Dec-2025

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

DESIGN NOTE:
Example text for debug notes.

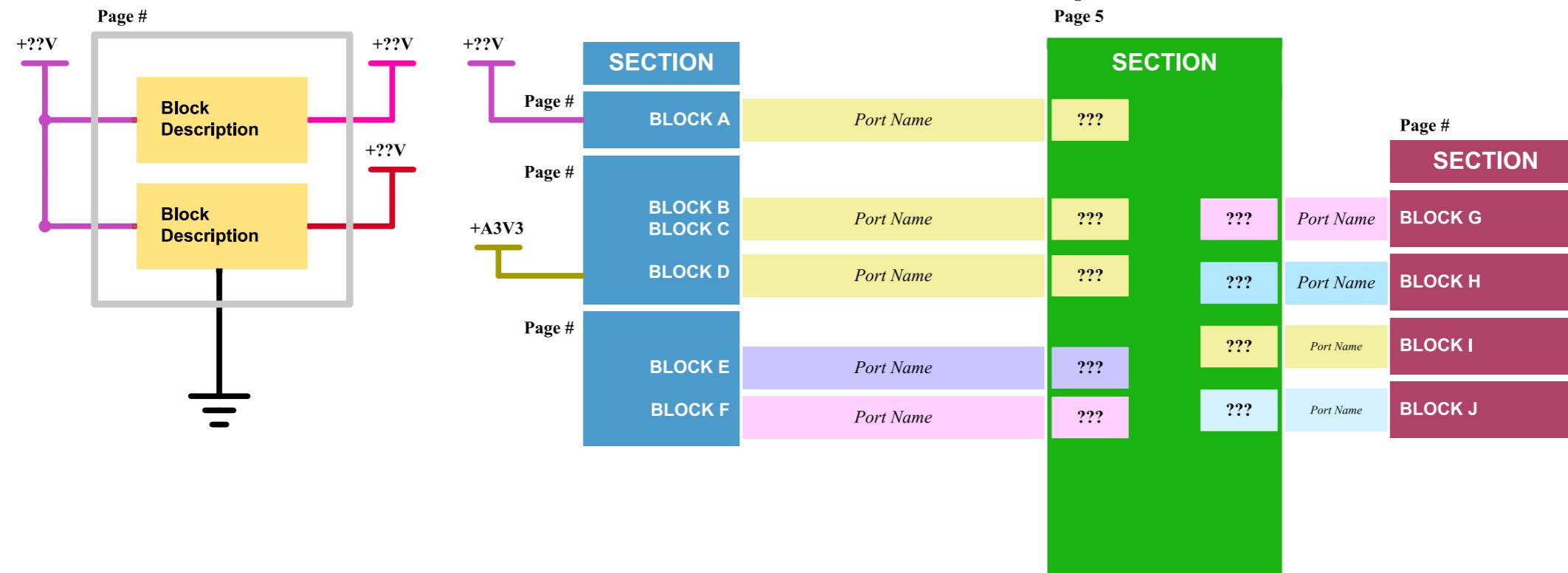
DESIGN NOTE:
Example text for cautionary design notes.

DESIGN NOTE:
Example text for critical design notes.

LAYOUT NOTE:
Example text for critical layout guidelines.

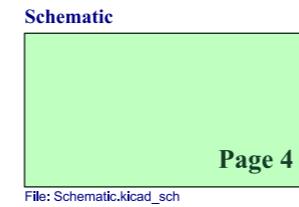
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	Board Name: Module	Project Name: Alixp Step up module 12 to 450 V		
	Sheet Title:	File Name: StepUp_module_12to450V.kicad_sch	Designer: FR	Date: 2025-01-12
	Sheet Path:	/	Reviewer:	Revision: + (Unreleased)
				Size: A3
				Sheet: 1 of 5

[2] Block Diagram



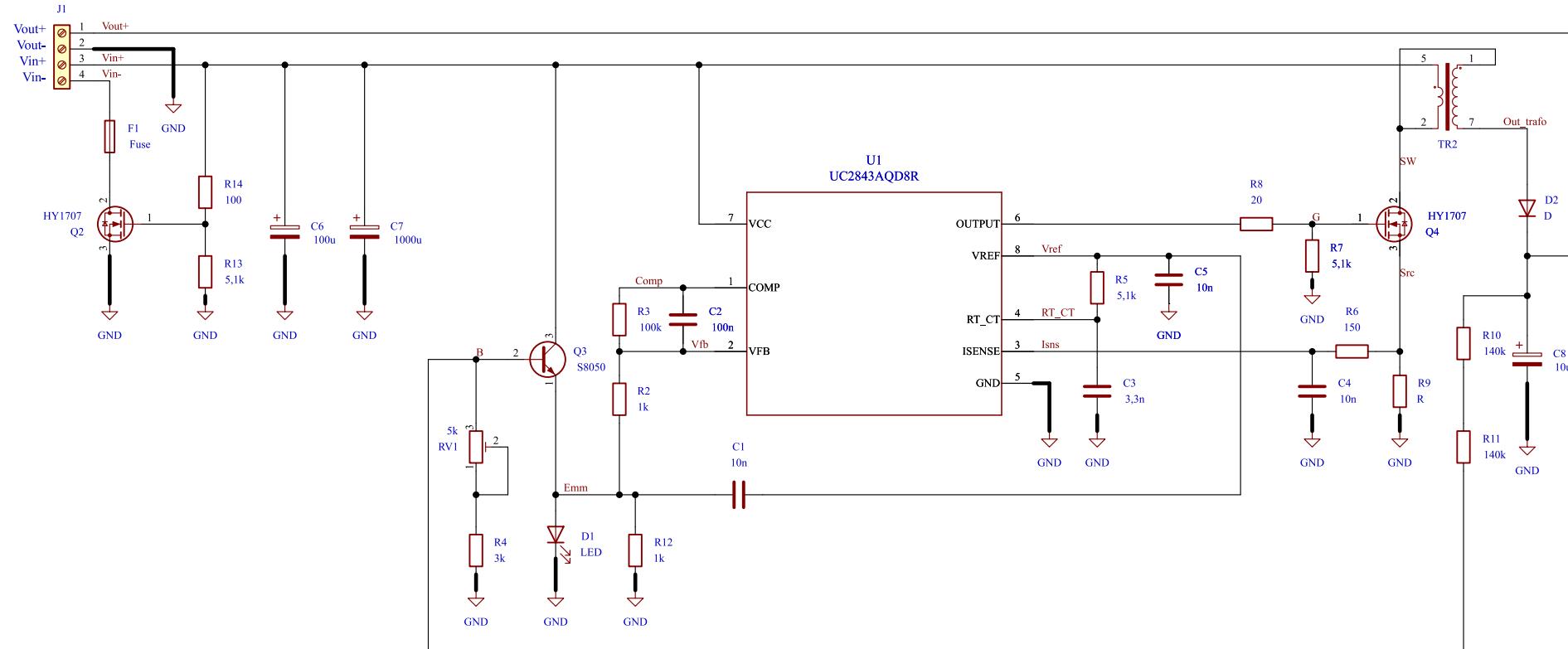
	Comments: FR	Company: FR	Variant: PRELIMINARY	Git Hash: f6c51b0
	Board Name: Module	Project Name: Alixp Step up module 12 to 450 V		
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch	Designer: FR	Date: 2025-01-12 + (Unreleased)
	Sheet Path: /Block Diagram/	Reviewer:	Size: A3	Sheet: 2 of 5

[3] Project Architecture



	Comments: c1 c2 c3 c4	Company: FR	Variant: PRELIMINARY	Git Hash: f6c51b0
	Board Name: Module			Project Name: Alixp Step up module 12 to 450 V
	Sheet Title: Project Architecture		File Name: Project Architecture.kicad_sch	Designer: FR
	Sheet Path: /Project Architecture/		Reviewer: c9	Date: 2025-01-12 Revision: + (Unreleased)

[4] TEST TEXT



Comments:
AliExpress module

Company:
FR

Variant:
PRELIMINARY

Git Hash:
f6c51b0

Board Name:
Module

Project Name:
Alixp Step up module 12 to 450 V

Sheet Title:

TEST TEXT

File Name:

Schematic.kicad_sch

Designer:

FR

Date:

2025-01-12

Revision:

+ (Unreleased)

Sheet Path:

/Project Architecture/Schematic/

Reviewer:

Size:

A4

Sheet:

4 of **5**

[5] Revision History

	Comments:	Company: FR	Variant: PRELIMINARY	Git Hash: f6c51b0	D
		Board Name: Module	Project Name: Alixp Step up module 12 to 450 V		
	Sheet Title: Revision History	File Name: Revision History.kicad_sch	Designer: FR	Date: 2025-01-12 + (Unreleased)	
	Sheet Path: /Revision History/		Reviewer:	Size: A4	Sheet: 5 of 5