

Frontend 2.4GHz

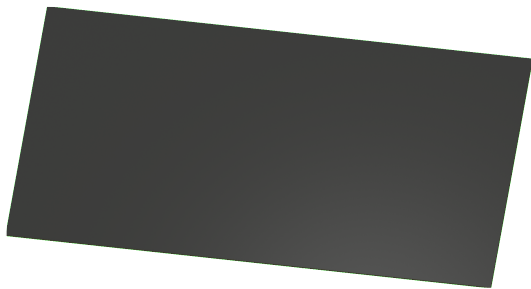
Variant: DRAFT

2025-06-07

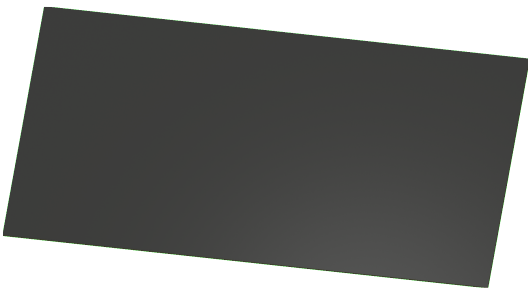
Rev + (Unreleased)

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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-Jun-2025

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

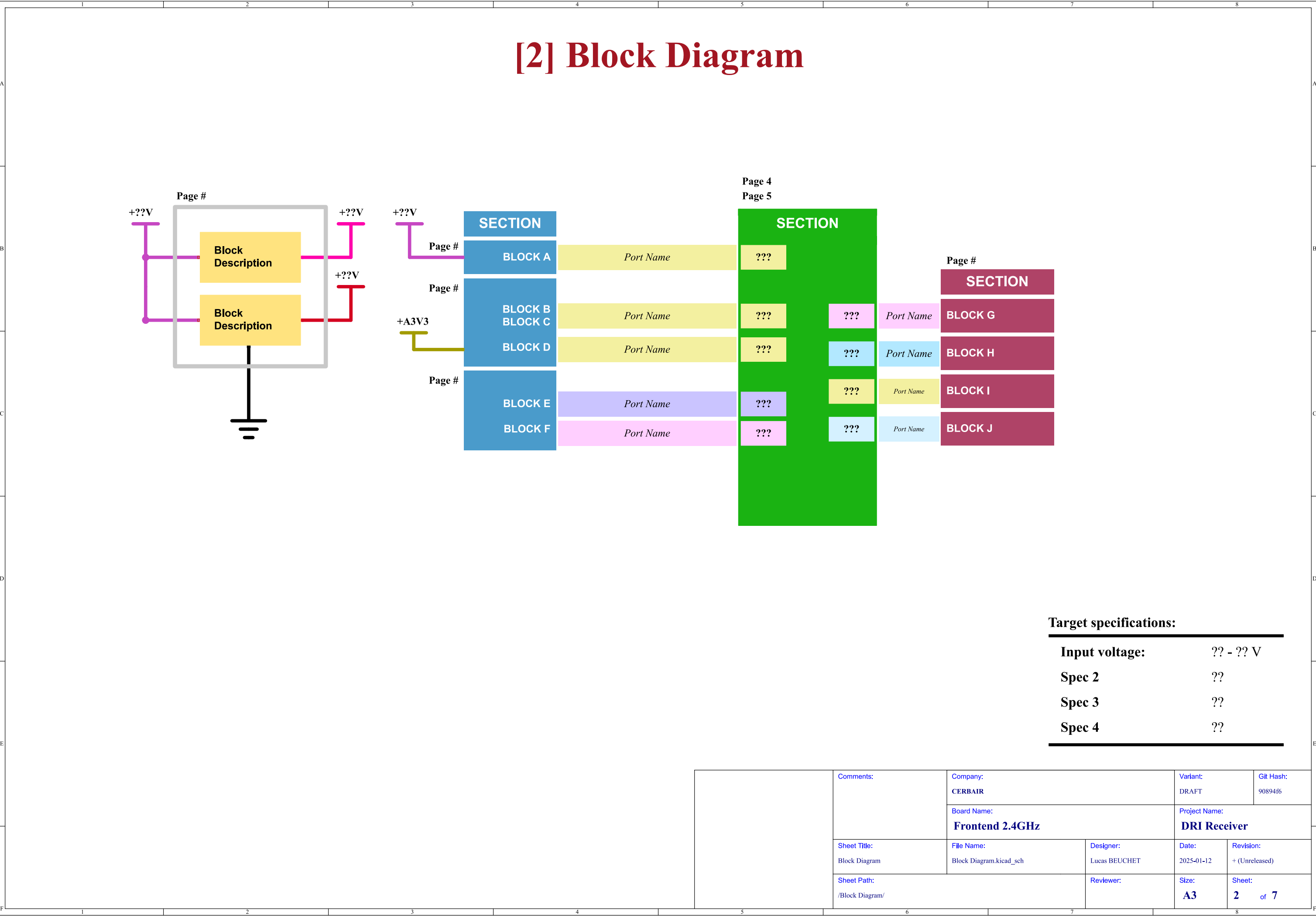
DESIGN NOTE:
Example text for debug notes.

DESIGN NOTE:
Example text for cautionary design notes.

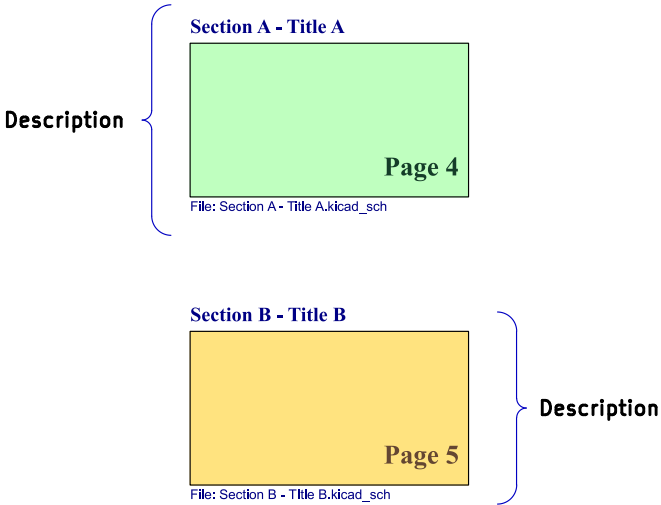
DESIGN NOTE:
Example text for critical design notes.

LAYOUT NOTE:
Example text for critical layout guidelines.

	Comments:	Company: CERBAIR	Variant: DRAFT	Git Hash: 90894f6
	Board Name: Frontend 2.4GHz		Project Name: DRI Receiver	
	Sheet Title:	File Name: 2.4GHz_FE.kicad_sch	Designer: Lucas BEUCHET	Date: 2025-01-12
	Sheet Path: /		Reviewer:	Revision: + (Unreleased)
			Size: A3	Sheet: 1 of 7



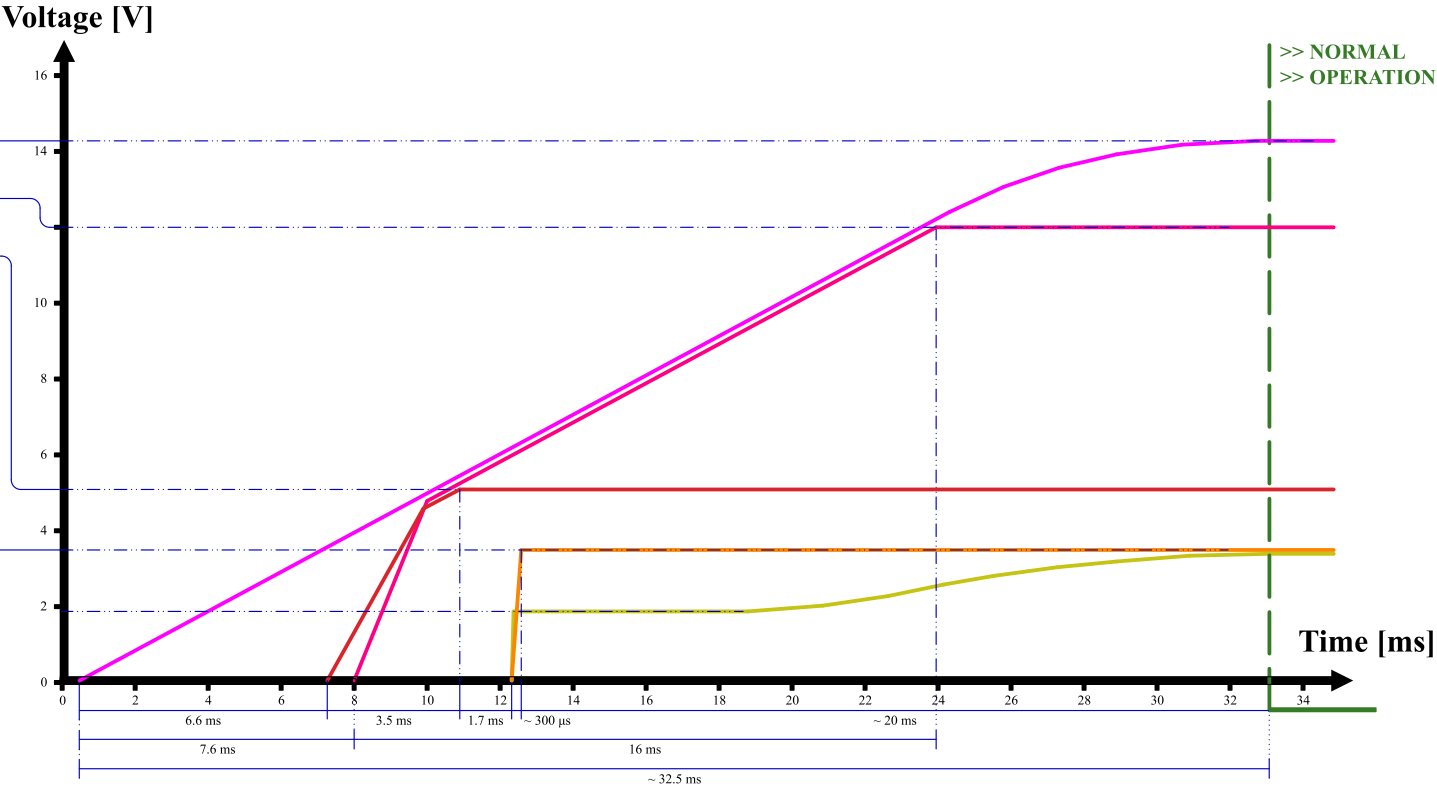
[3] Project Architecture



	Comments:	Company: CERBAIR		Variant: DRAFT	Git Hash: 90894f6
		Board Name: Frontend 2.4GHz		Project Name: DRI Receiver	
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: Lucas BEUCHET	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /Project Architecture/		Reviewer:	Size: A3	Sheet: 3 of 7

[6] Power - Sequencing

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



	Comments:	Company: CERBAIR	Variant: DRAFT	Git Hash: 90894f6
		Board Name: Frontend 2.4GHz	Project Name: DRI Receiver	
	Sheet Title: Power - Sequencing	File Name: Power - Sequencing.kicad_sch	Designer: Lucas BEUCHET	Date: 2025-01-12
	Sheet Path: /Power - Sequencing/	Reviewer:	Size: A4	Revision: + (Unreleased)
				Sheet: 6 of 7

[7] Revision History

	Comments:	Company: CERBAIR		Variant: DRAFT	Git Hash: 90894f6
		Board Name: Frontend 2.4GHz		Project Name: DRI Receiver	
	Sheet Title: Revision History	File Name: Revision History.kicad_sch	Designer: Lucas BEUCHET	Date: 2025-01-12	Revision: + (Unreleased)
	Sheet Path: /Revision History/		Reviewer:	Size: A4	Sheet: 7 of 7

[4] Sheet Title A					
<div><div>LAYOUT NOTE: blablabla</div><div>DESIGN NOTE: blablabla</div><div>Block Description</div></div>					
		Comments:		Company:	
		AN5346		CERBAIR	
		STM32G474 Datasheet p.81		Variant:	
		J. Pieper ADC investigation		DRAFT	
		Board Name:		Project Name:	
		Frontend 2.4GHz		DRI Receiver	
		Sheet Title:	File Name:	Designer:	Date:
		Sheet Title A	Section A - Title A.kicad_sch	Lucas BEUCHET	2025-01-12
		Sheet Path:	Reviewer:	Size:	Revision:
		/Project Architecture/Section A - Title A/		A4	+ (Unreleased)
				Sheet:	
				4	of 7

A	<div>[5] Sheet Title B</div>											
B	<div><div></div><div>DESIGN NOTE: blabla</div><div>DESIGN NOTE: blabla</div><div>LAYOUT NOTE: blabla</div><div>Block Description</div></div>	<div></div> <div>Block Description</div>							<div></div>			
C		<div></div> <div>Block Description</div> <div>Block Description</div>										
D		<div></div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div>										
E		<div></div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div>										
F		<div></div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div> <div>Block Description</div>										
					<div></div>	<div>Comments:</div> <div>References:</div> <div>Flexible I/O worked examples</div> <div>Flexible I/O source configuration</div>		<div>Company:</div> <div>CERBAIR</div>		<div>Variant:</div> <div>DRAFT</div>	<div>Git Hash:</div> <div>90894f6</div>	
						<div>Sheet Title:</div> <div>Sheet Title B</div>		<div>Board Name:</div> <div>Frontend 2.4GHz</div>	<div>Project Name:</div> <div>DRI Receiver</div>			
						<div>File Name:</div> <div>Section B - Title B.kicad_sch</div>		<div>Designer:</div> <div>Lucas BEUCHET</div>	<div>Date:</div> <div>2025-01-12</div>	<div>Revision:</div> <div>+ (Unreleased)</div>		
						<div>Sheet Path:</div> <div>/Project Architecture/Section B - Title B/</div>		<div>Reviewer:</div>	<div>Size:</div> <div>A3</div>	<div>Sheet:</div> <div>5 of 7</div>		