

Heartrate-DevKit-HW

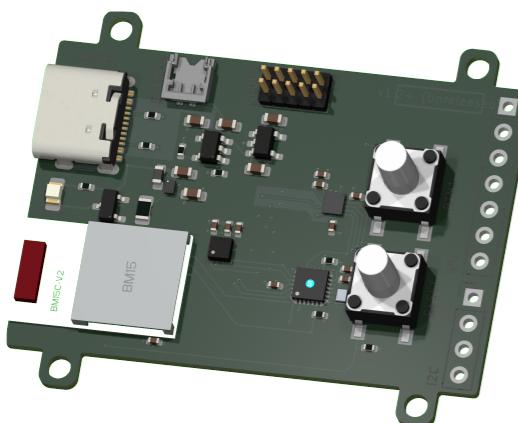
2025-09-02

Variant: **CHECKED**

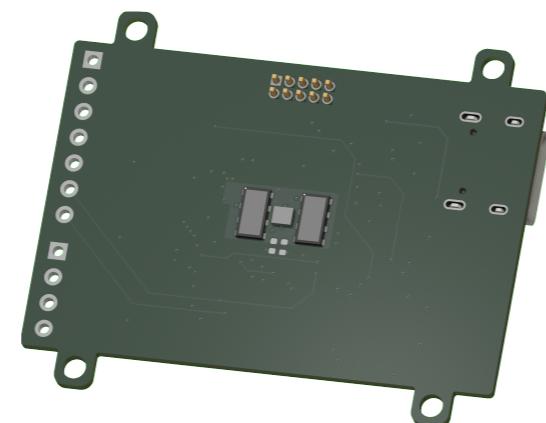
Rev v1.2+ (Unreleased)

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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: 02-Sep-2025

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational design notes.

DESIGN NOTE:
Example text for debug notes.

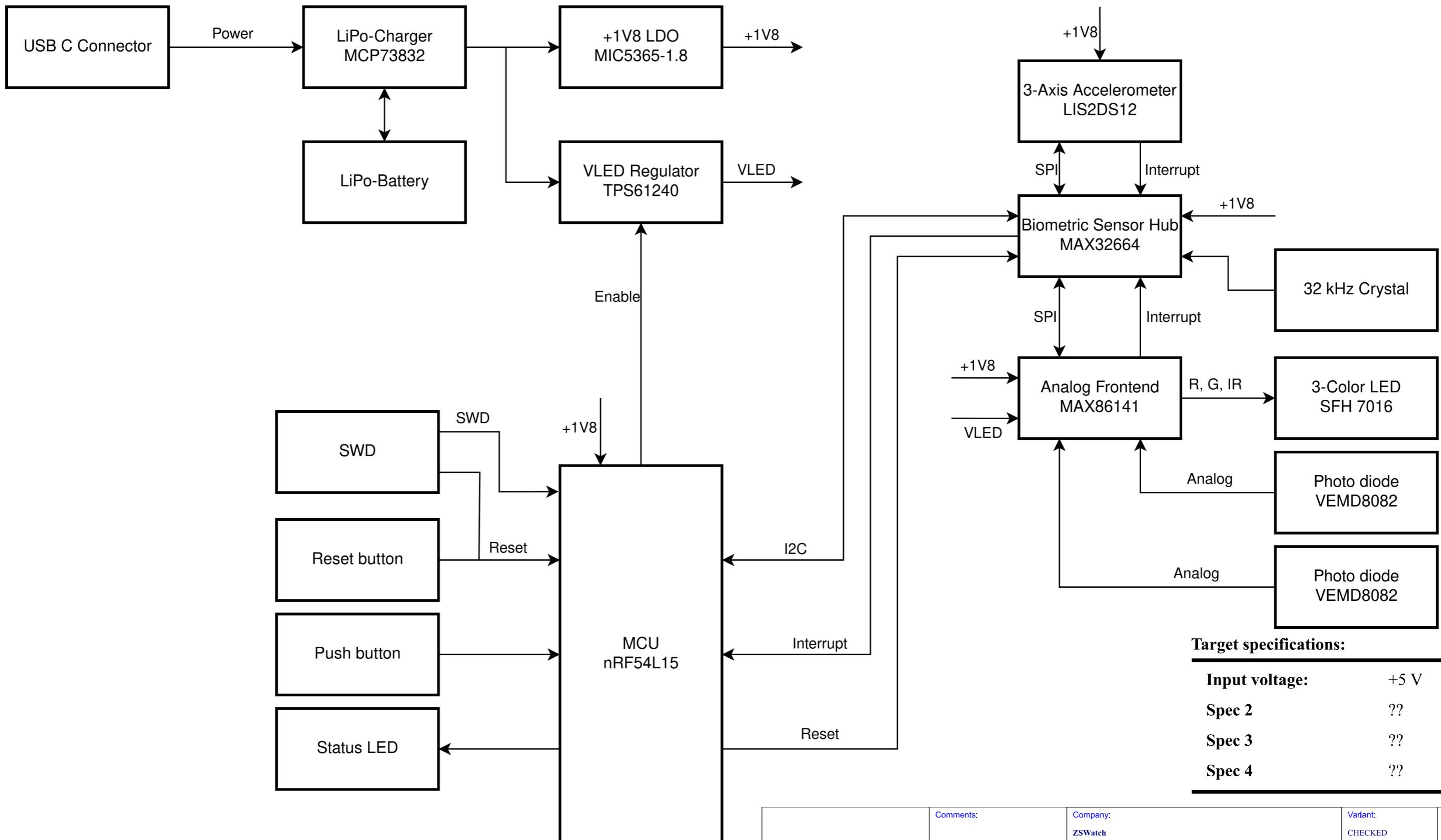
DESIGN NOTE:
Example text for cautionary design notes.

DESIGN NOTE:
Example text for critical design notes.

LAYOUT NOTE:
Example text for critical layout guidelines.

Comments:	Company: ZSWatch	Variant: CHECKED	Git Hash: 945e849
Board Name: Heartrate-DevKit-HW	Project Name: ZSWatch Heartrate-DevKit		
Sheet Title: Dock-HW	File Name: ZSWatch-HeartRate.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13
Sheet Path: /	Reviewer:	Size: A3	Revision: v1.2+ (Unreleased)

[2] Block-Diagram



Target specifications:

Input voltage:	+5 V
Spec 2	??
Spec 3	??
Spec 4	??

Comments:	Company: ZSWatch	Variant: CHECKED	Git Hash: 945e849
Board Name: Heartrate-DevKit-HW	Project Name: ZSWatch Heartrate-DevKit		
Sheet Title: Block-Diagram	File Name: Block Diagram.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13
Sheet Path: /Block Diagram/	Reviewer:	Size: A3	Revision: v1.2+ (Unreleased)

A	1	2	3	4	5	6	
B	 Main File: Main.kicad_sch					B	
C							C
D		Comments: ZSWatch	Company: ZSWatch	Variant: CHECKED	Git Hash: 945e849		
D			Board Name: Heartrate-DevKit-HW	Project Name: ZSWatch Heartrate-DevKit			
Sheet Title: Power-Management		File Name: Project Architecture.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13	Revision: v1.2+ (Unreleased)		
Sheet Path: /Project Architecture/		Reviewer:	Size: A4	Sheet: 3 of 5			

[5] Revision-History

A **Version 1.3.0 not found.**
Version 1.3.0 not found.

2 \${RELEASE_TITLE_...}
\${RELEASE_BODY_...}

3 \${RELEASE_TITLE_...}
\${RELEASE_BODY_...}

4 \${RELEASE_TITLE_...}
\${RELEASE_BODY_...}

B

C

D

A

B

C

D

	Comments:	Company: ZSWatch	Variant: CHECKED	Git Hash: 945e849
	Board Name: Heartrate-DevKit-HW	Project Name: ZSWatch Heartrate-DevKit		
	Sheet Title: Revision-History	File Name: Revision History.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13 Revision: v1.2+ (Unreleased)
	Sheet Path: /Revision History/		Reviewer:	Size: A4 Sheet: 5 of 5

