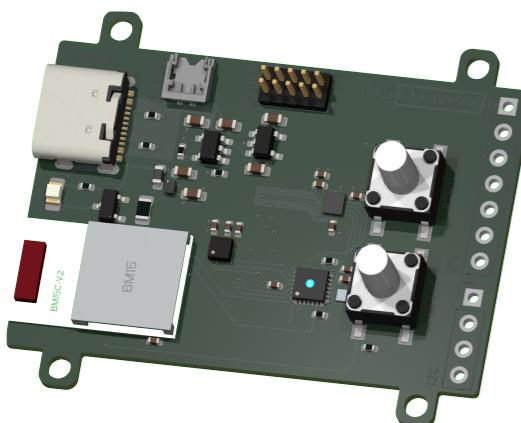


## Variant: PRELIMINARY

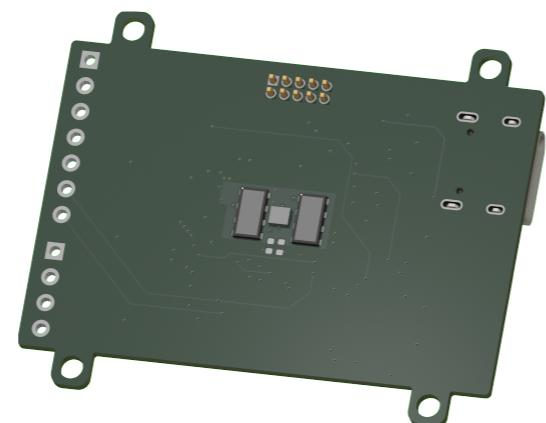
## Rev DK\_v1.3+ (Unreleased)

Page	Index	Page	Index	Page	Index	Page	Index
1	Cover Page	11	Error: XML File not found	21	Error: XML File not found	31	Error: XML File not found
2	Error: XML File not found	12	Error: XML File not found	22	Error: XML File not found	32	Error: XML File not found
3	Error: XML File not found	13	Error: XML File not found	23	Error: XML File not found	33	Error: XML File not found
4	Error: XML File not found	14	Error: XML File not found	24	Error: XML File not found	34	Error: XML File not found
5	Error: XML File not found	15	Error: XML File not found	25	Error: XML File not found	35	Error: XML File not found
6	Error: XML File not found	16	Error: XML File not found	26	Error: XML File not found	36	Error: XML File not found
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8	Error: XML File not found	18	Error: XML File not found	28	Error: XML File not found	38	Error: XML File not found
9	Error: XML File not found	19	Error: XML File not found	29	Error: XML File not found	39	Error: XML File not found
10	Error: XML File not found	20	Error: XML File not found	30	Error: XML File not found	40	Error: XML File not found

### TOP VIEW



### BOTTOM VIEW



### 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.

### 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.

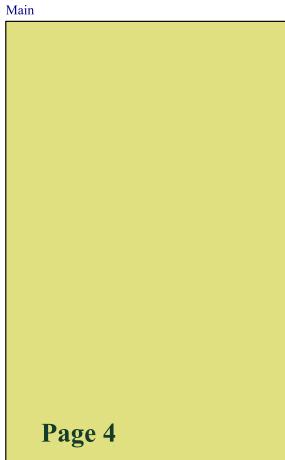
Date: 01-Sep-2025

	Comments:	Company: <b>ZSWatch</b>	Variant: <b>PRELIMINARY</b>	Git Hash: <b>9639a43</b>
	Board Name: <b>Heartrate-DevKit-HW</b>	Project Name: <b>ZSWatch Heartrate-DevKit</b>		
	Sheet Title: <b>Dock-HW</b>	File Name: <b>ZSWatch-HeartRate.kicad_sch</b>	Designer: <b>Daniel Kampert</b>	Date: <b>2025-07-13</b>
	Sheet Path: <b>/</b>	Reviewer:	Size: <b>A3</b>	Revision: <b>DK_v1.3+ (Unreleased)</b>
			Sheet: <b>1 of 6</b>	

## [2] Block-Diagram

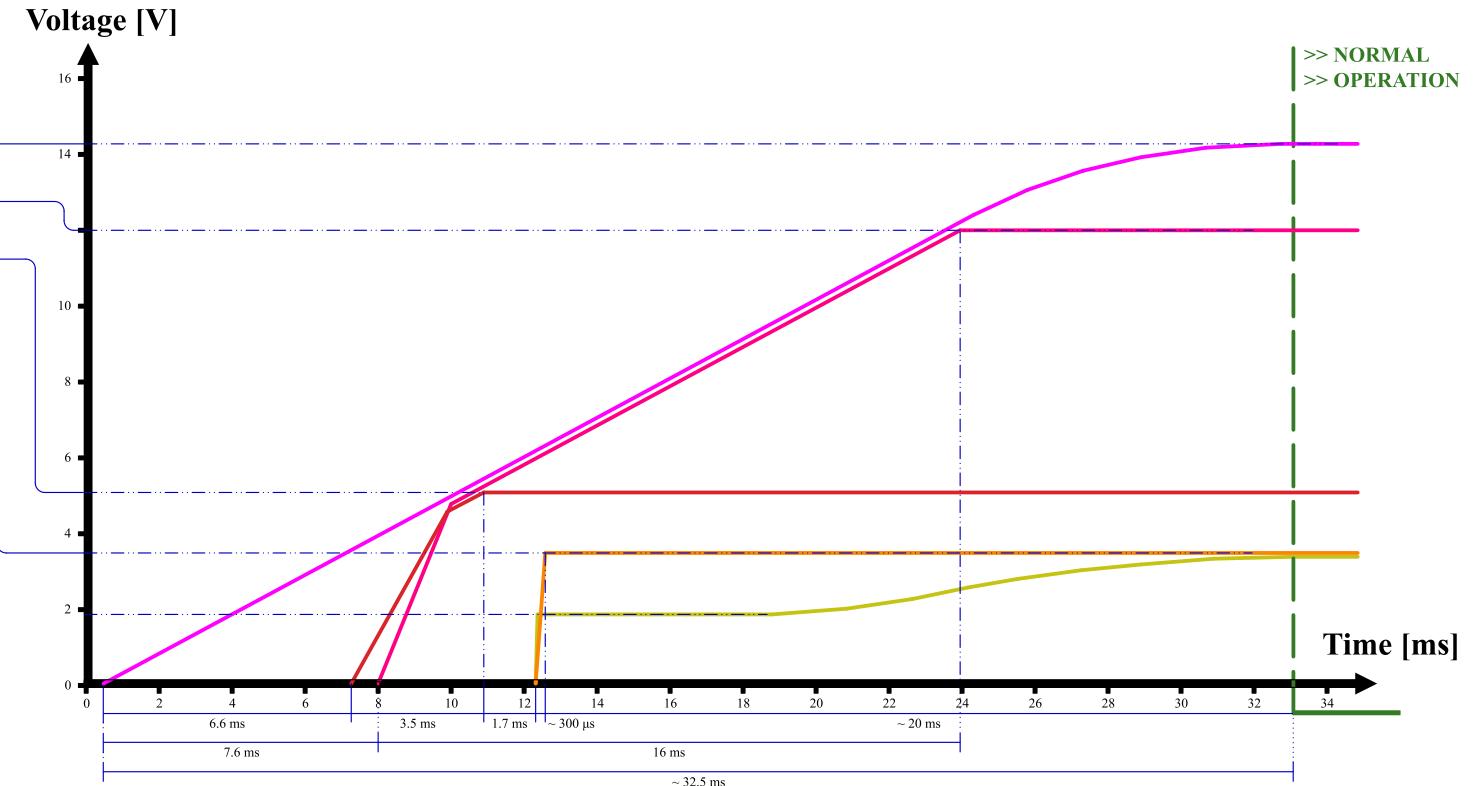
## Target specifications:

<b>Input voltage:</b>	?? - ?? V	E
<b>Spec 2</b>	??	
<b>Spec 3</b>	??	
<b>Spec 4</b>	??	
<hr/>		
	<b>Variant:</b> PRELIMINARY	<b>Git Hash:</b> 9639a43
<b>Project Name:</b> <span style="color: blue;">ZSWatch Heartrate-DevKit</span>		
<b>t-HW</b>		
	<b>Designer:</b> Daniel Kampert	<b>Date:</b> 2025-07-13
		<b>Revision:</b> DK_v1.3+ (Unreleased)
	<b>Reviewer:</b>	<b>Size:</b> <b>A3</b>
		<b>Sheet:</b> <b>2 of 6</b>

	1		2		3		4		5		6
A											A
B											B
C											C
D											D
 <b>Main</b> <b>Page 4</b> <small>File: Main.kicad_sch</small>											
	Comments:	<b>Company:</b> <b>ZSWatch</b>	<b>Variant:</b> <b>PRELIMINARY</b>	<b>Git Hash:</b> <b>9639a43</b>							
	<b>Board Name:</b> <b>Heartrate-DevKit-HW</b>	<b>Project Name:</b> <b>ZSWatch Heartrate-DevKit</b>									
	<b>Sheet Title:</b>	<b>File Name:</b>	<b>Designer:</b>	<b>Date:</b>	<b>Revision:</b>						
	Power-Management	Project Architecture.kicad_sch	Daniel Kampert	2025-07-13	DK_v1.3+ (Unreleased)						
	<b>Sheet Path:</b> <b>/Project Architecture/</b>	<b>Reviewer:</b>	<b>Size:</b>	<b>Sheet:</b> <b>A4</b>							
	<b>3</b>	<b>of 6</b>	6								
	1		2		3		4		5		6

# [5] Power - Sequencing

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



			Comments:	Company:	Variant:	Git Hash:
			ZSWatch	ZSWatch	PRELIMINARY	9639a43
			Board Name:	Project Name:		
			Heartrate-DevKit-HW	ZSWatch Heartrate-DevKit		
		Sheet Title:	File Name:	Designer:	Date:	Revision:
		Power - Sequencing	Power - Sequencing.kicad_sch	Daniel Kampert	2025-07-13	DK_v1.3+ (Unreleased)
		Sheet Path:	Reviewer:	Size:	Sheet:	
		/Power - Sequencing/		A4	5	of 6

# [6] Revision-History

A	<p><b>RELEASE_TITLE_1.0.0</b> \${RELEASE_BODY_1.0.0}</p>	<p><b>RELEASE_TITLE_1.0.1</b> \${RELEASE_BODY_1.0.1}</p>	<p><b>RELEASE_TITLE_1.0.2</b> \${RELEASE_BODY_1.0.2}</p>	<p><b>RELEASE_TITLE_1.1.0</b> \${RELEASE_BODY_1.1.0}</p>	A
B					B
C					C
D		<p>Comments:</p>	<p>Company: <b>ZSWatch</b></p> <p>Board Name: <b>Heartrate-DevKit-HW</b></p> <p>Sheet Title: Revision-History</p> <p>Sheet Path: /Revision History/</p>	<p>Variant: <b>PRELIMINARY</b></p> <p>Project Name: <b>ZSWatch Heartrate-DevKit</b></p> <p>Date: 2025-07-13</p> <p>Revision: DK_v1.3+ (Unreleased)</p> <p>Reviewer:</p>	<p>Git Hash: 9639a43</p> <p>Size: <b>A4</b></p> <p>Sheet: <b>6 of 6</b></p>

