

Heartrate-HW

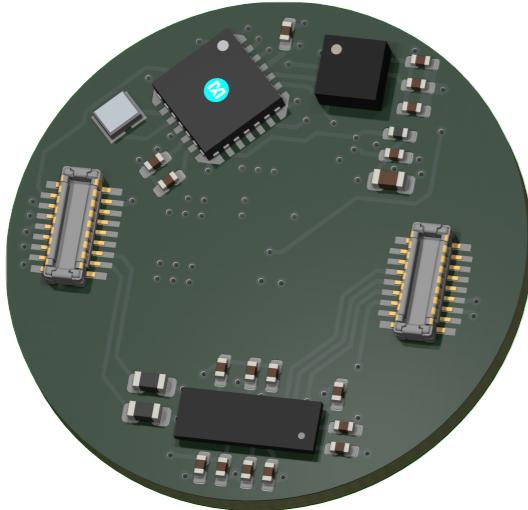
Variant: RELEASED

2026-02-20

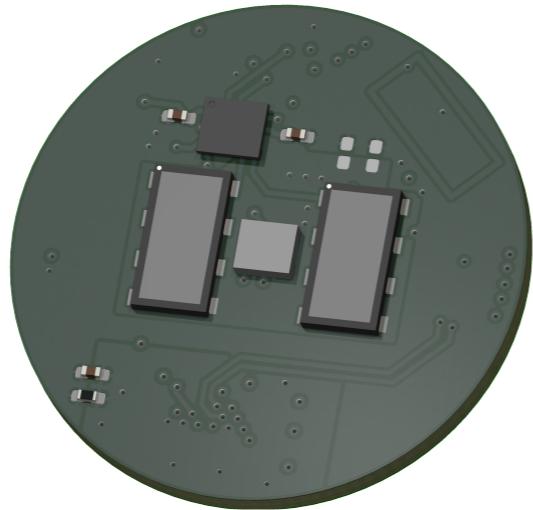
Rev 1.0.0

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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: 20-Feb-2026

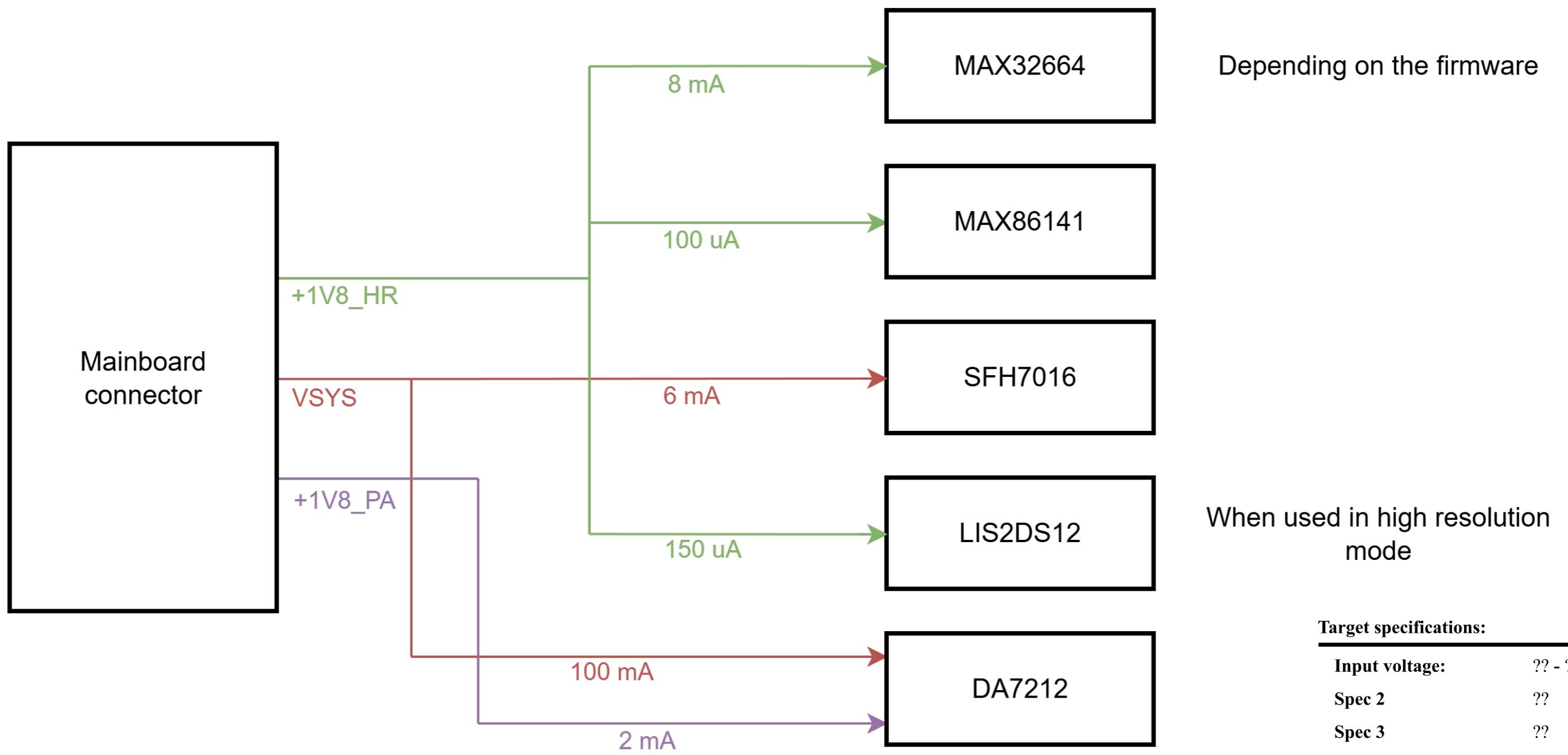
	Comments:	Company:		Variant: RELEASED	Git Hash: 6736584
		ZSWatch			
	Board Name:	Heartrate-HW		Project Name: ZSWatch Heartrate	
		Heartrate-HW			
	Sheet Title:	File Name:	ZSWatch-Extension.kicad_sch	Designer:	Daniel Kampert
	Sheet Path:	/		Reviewer:	Size: A3 Sheet: 1 of 8
					Date: 2025-07-13 Revision: 1.0.0

[2] Block Diagram

1	2	3	4	5	6	7	8
A							A
B							B
C							C
D							D
E							E
F							F
1	2	3	4	5	6	7	8

Comments:	Company: ZSWatch		Variant: RELEASED	Git Hash: 6736584	
	Board Name: Heartrate-HW		Project Name: ZSWatch Heartrate		
	Sheet Title: Block Diagram	File Name: Block Diagram.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13	Revision: 1.0.0
	Sheet Path: /Block Diagram/		Reviewer:	Size: A3	Sheet: 2 of 8

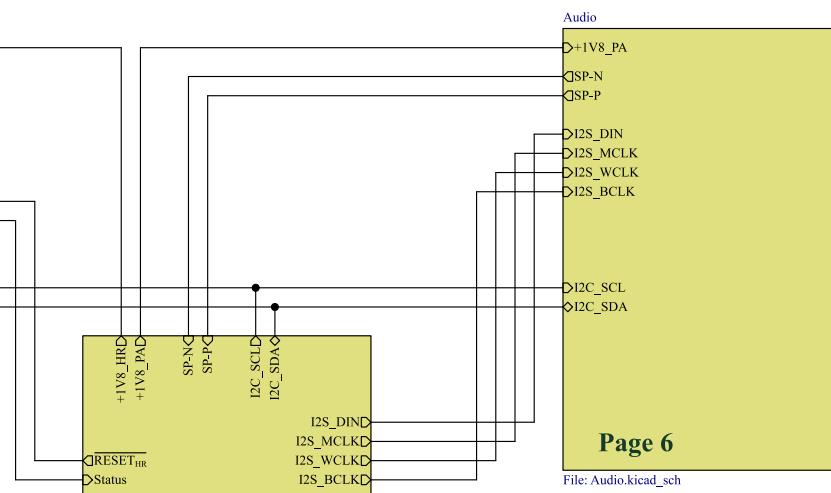
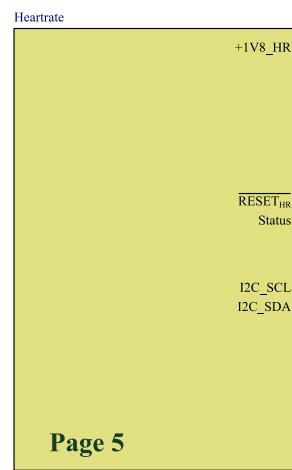
[3] Power - Topology



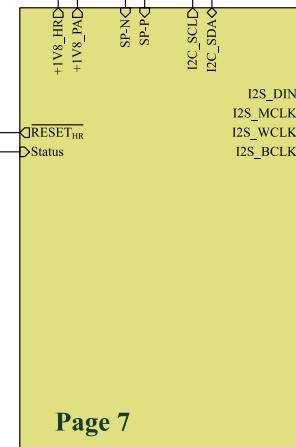
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Board Name: Heartrate-HW	Project Name: ZSWatch Heartrate		
Sheet Title: Power - Topology	File Name: Power - Topology.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13
Sheet Path: /Power - Topology/	Reviewer:	Size: A3	Sheet: 3 of 8

[4] Project Architecture

A



B

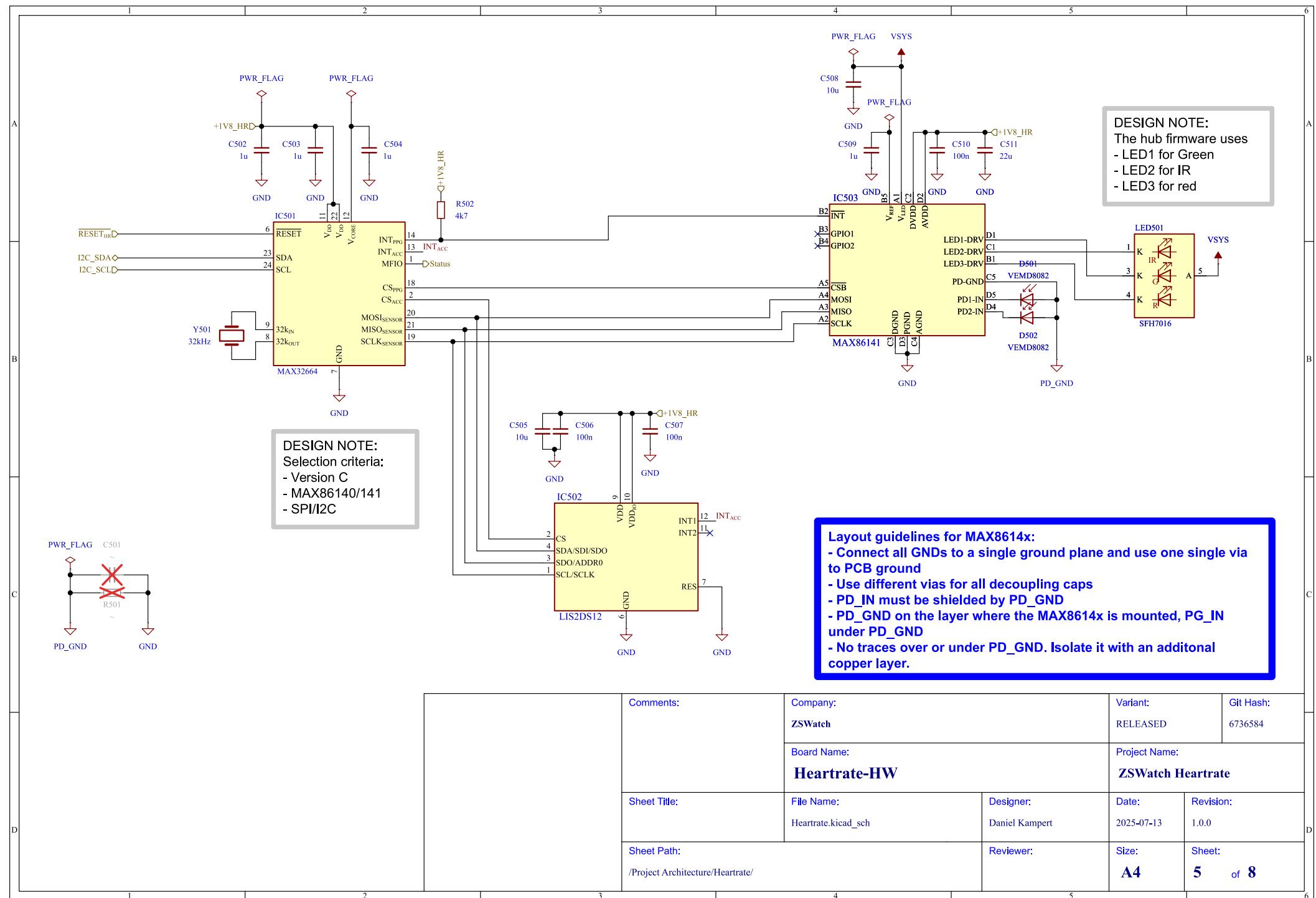


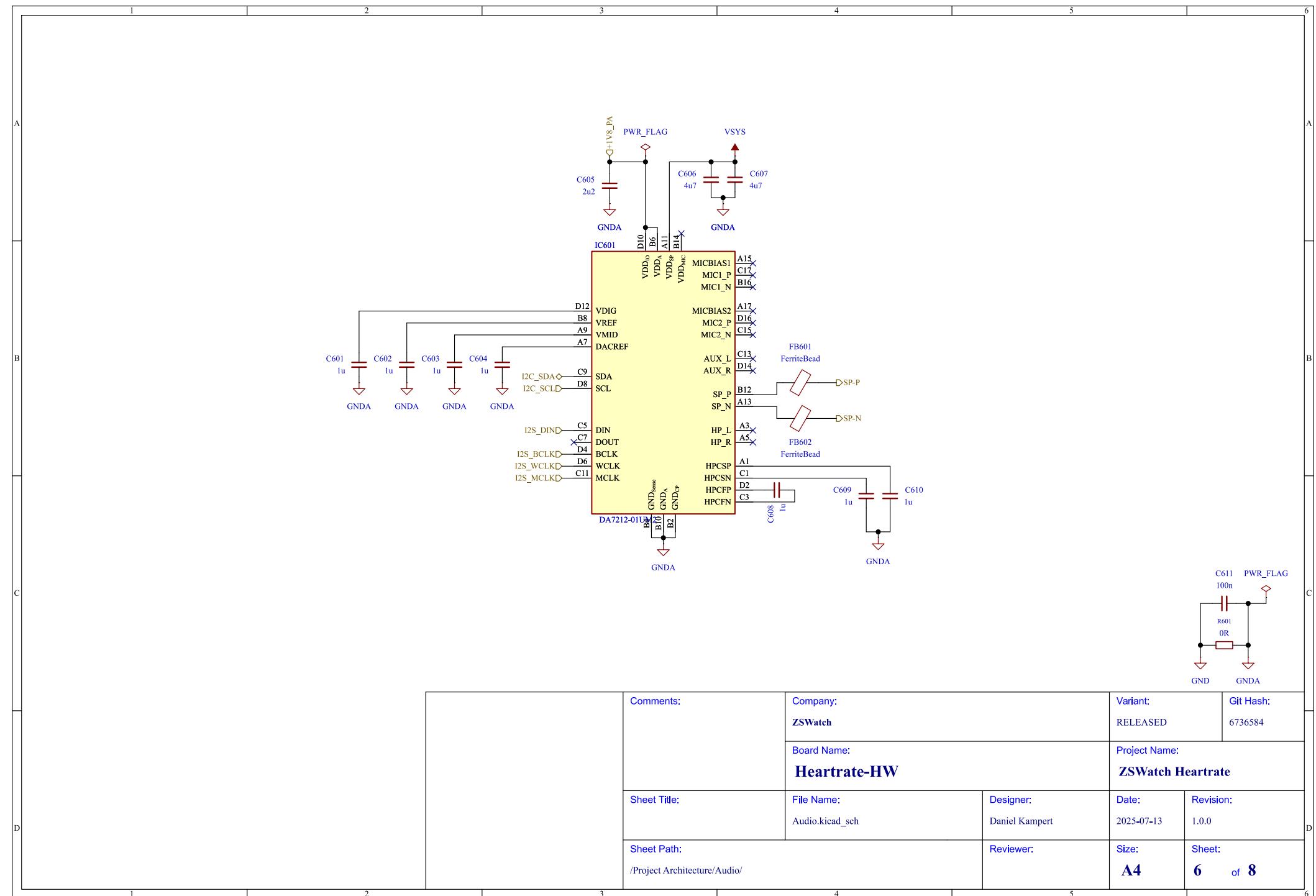
Connectors

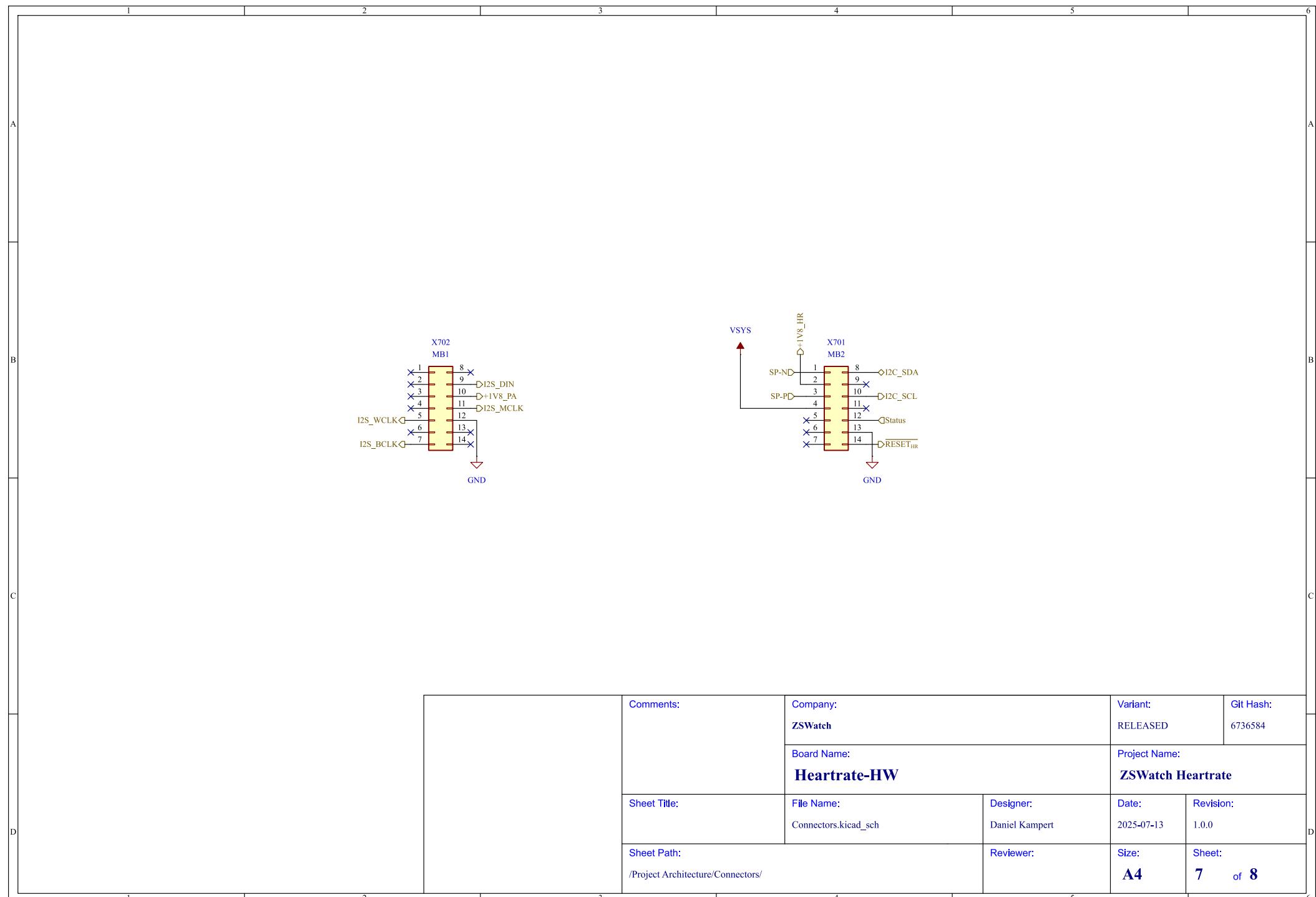
C

D

	Comments:	Company: ZSWatch	Variant: RELEASED	Git Hash: 6736584
	Board Name: Heartrate-HW	Project Name: ZSWatch Heartrate		
	Sheet Title: Project Architecture	File Name: Project Architecture.kicad_sch	Designer: Daniel Kampert	Date: 2025-07-13 Revision: 1.0.0
	Sheet Path: /Project Architecture/		Reviewer:	Size: A4 Sheet: 4 of 8







[8] Revision History

A	<p><code> \${RELEASE_TITLE_1.0.0}</code> <code> \${RELEASE_BODY_1.0.0}</code></p>	<p><code> \${RELEASE_TITLE_...}</code> <code> \${RELEASE_BODY_...}</code></p>	<p><code> \${RELEASE_TITLE_...}</code> <code> \${RELEASE_BODY_...}</code></p>	<p><code> \${RELEASE_TITLE_...}</code> <code> \${RELEASE_BODY_...}</code></p>	A
B					B
C					C
D					D
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			<p>Board Name: Heartrate-HW</p>	<p>Project Name: ZSWatch Heartrate</p>	
		<p>Sheet Title: Revision History</p>	<p>File Name: Revision History.kicad_sch</p>	<p>Designer: Daniel Kampert</p>	<p>Date: 2025-07-13</p>
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