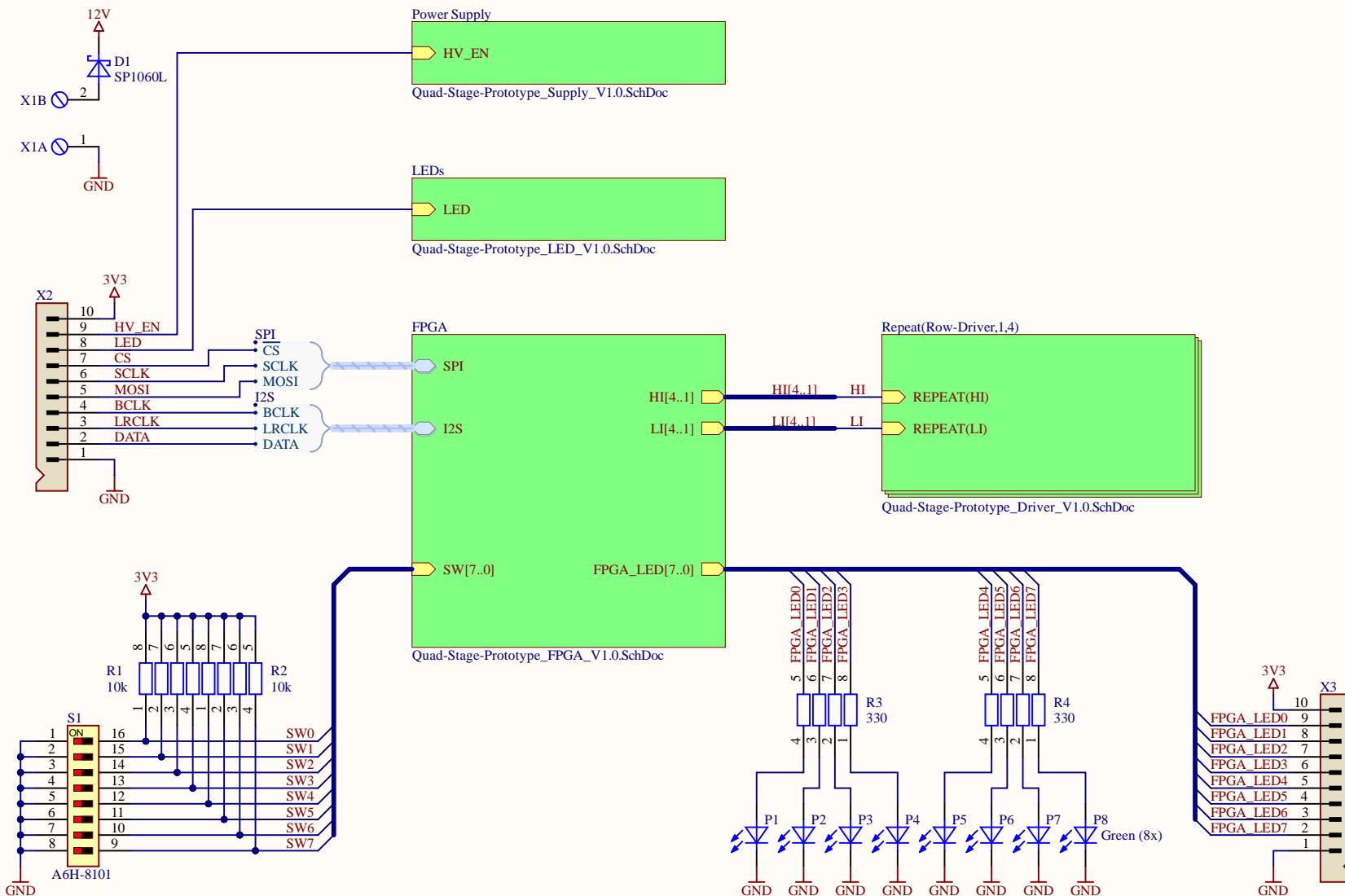


1 2 3 4



## Title **Quad Stage Prototype**

Subtitle **Overview**

Author: *Florian Baumgartner & Thierry Schwaller*

Date: *28.03.2022*

Rev: *V1.0*

File: *Quad-Stage-Prototype\_V1.0.SchDoc*

Sheet *1* of *5*

1 2 3 4



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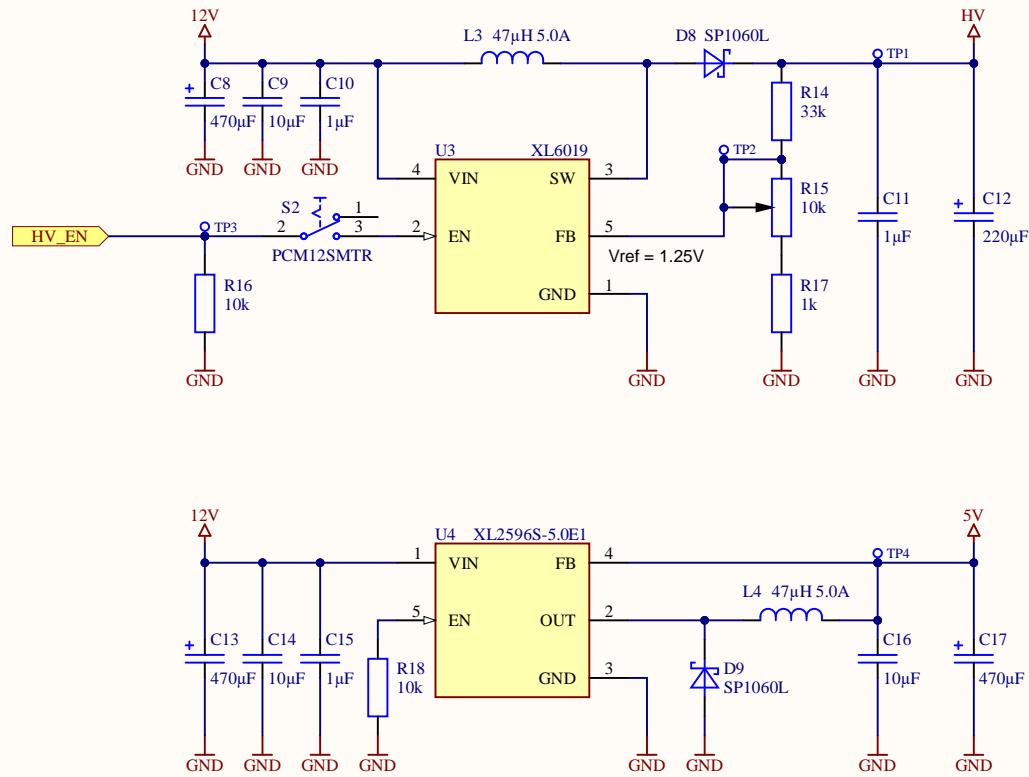
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Title

# Quad Stage Prototype

Subtitle Power Supply

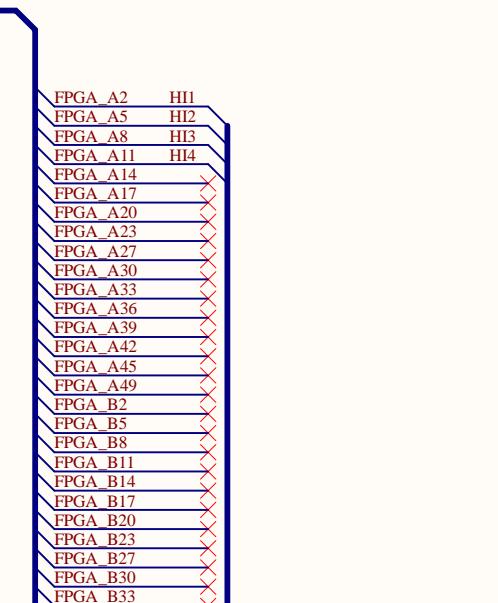
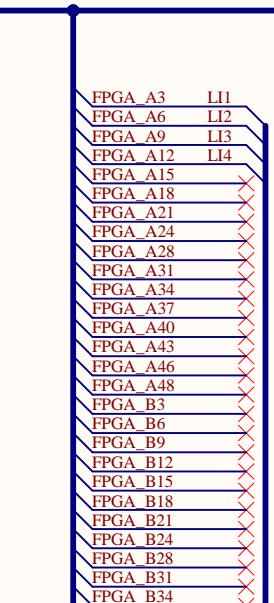
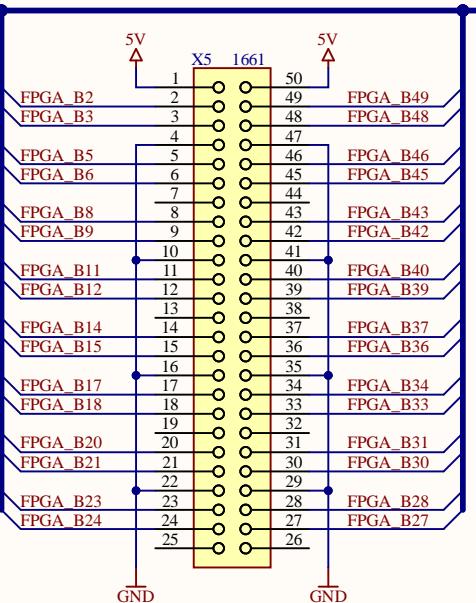
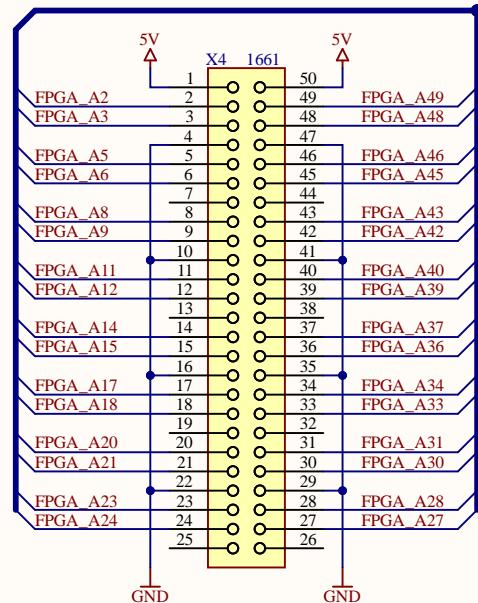
Author: Florian Baumgartner &amp; Thierry Schwaller



Date: 28.03.2022

Rev: V1.0

File: Quad-Stage-Prototype\_Supply\_V1.0.SchDoc



Title **Quad Stage Prototype**

Subtitle **FPGA**

Author: **Florian Baumgartner & Thierry Schwaller**

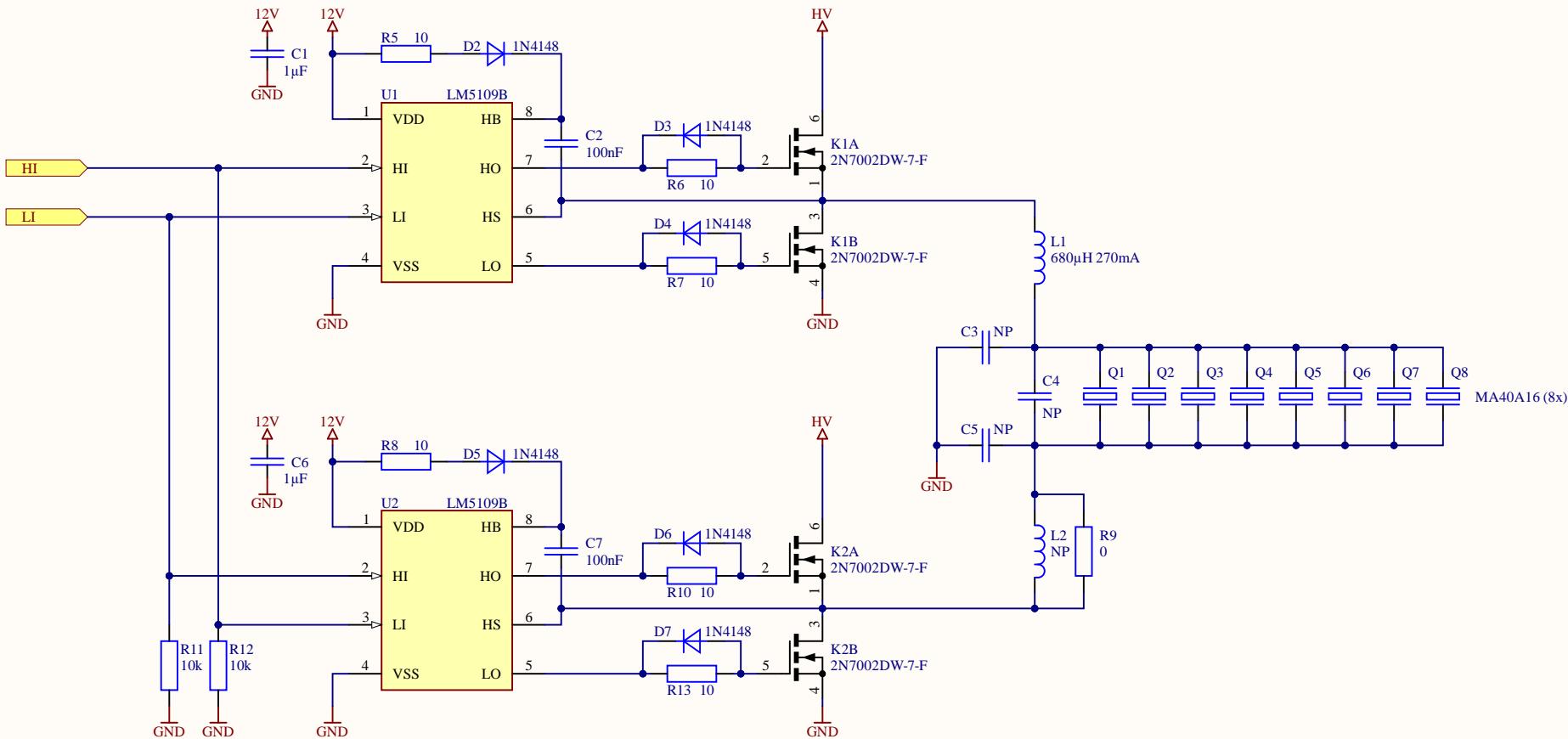
Date: **28.03.2022**

Rev: **V1.0**

File: **Quad-Stage-Prototype\_FPGA\_V1.0.SchDoc**



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Title

# Quad Stage Prototype

Subtitle H-Bridge Driver

Author: Florian Baumgartner &amp; Thierry Schwaller

File: Quad-Stage-Prototype\_Driver\_V1.0.SchDoc



Date: 28.03.2022

Rev: V1.0

Sheet 4 of 5

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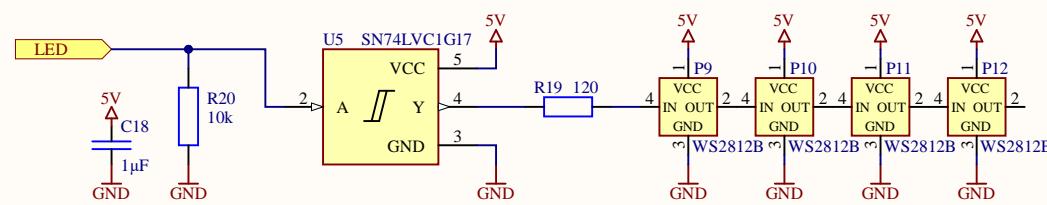
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## Title **Quad Stage Prototype**

Subtitle **LEDs**

Author: *Florian Baumgartner & Thierry Schwaller*

File: *Quad-Stage-Prototype\_LED\_V1.0.SchDoc*



Date: *28.03.2022*

Rev: *V1.0*

Sheet *5* of *5*

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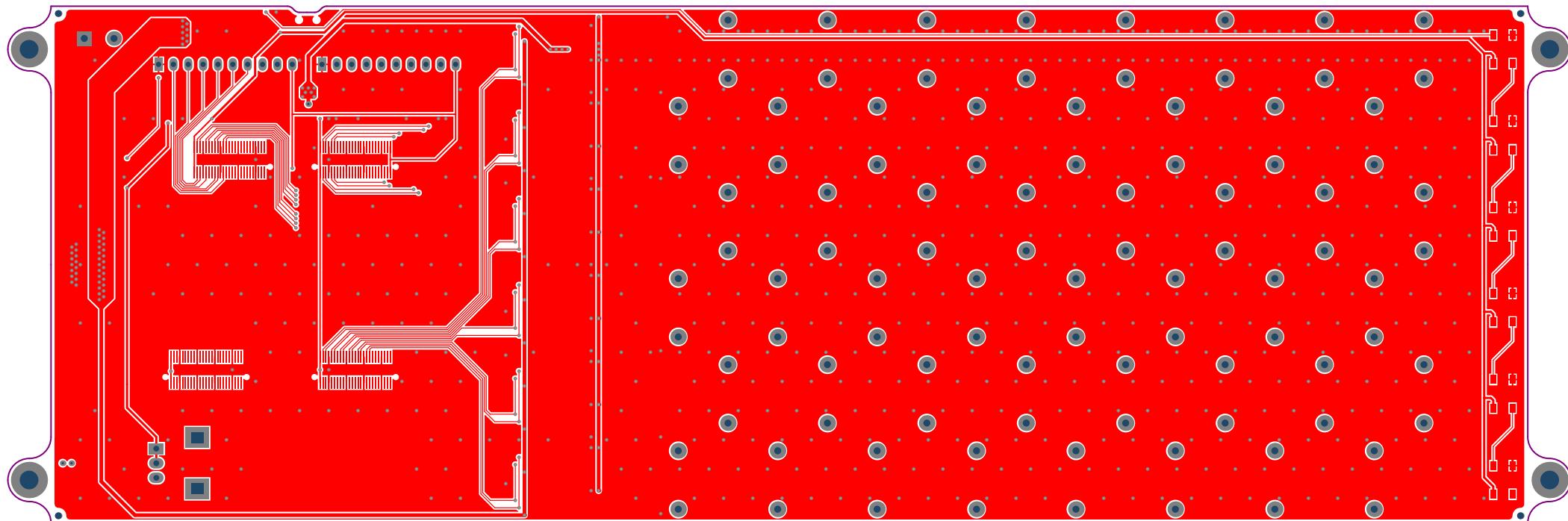
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ENGINEER: Florian Baumgartner	TITLE: Quad-Stage-Prototype	
PCB DESIGNER: Florian Baumgartner		
DATE: 25.03.2022	PART NO.: 1/1	REV: V1.0
FILE NAME: Quad-Stage-Prototype_V1.0.PcbDoc	DWG NO: 1/1	SCALE: 1:1

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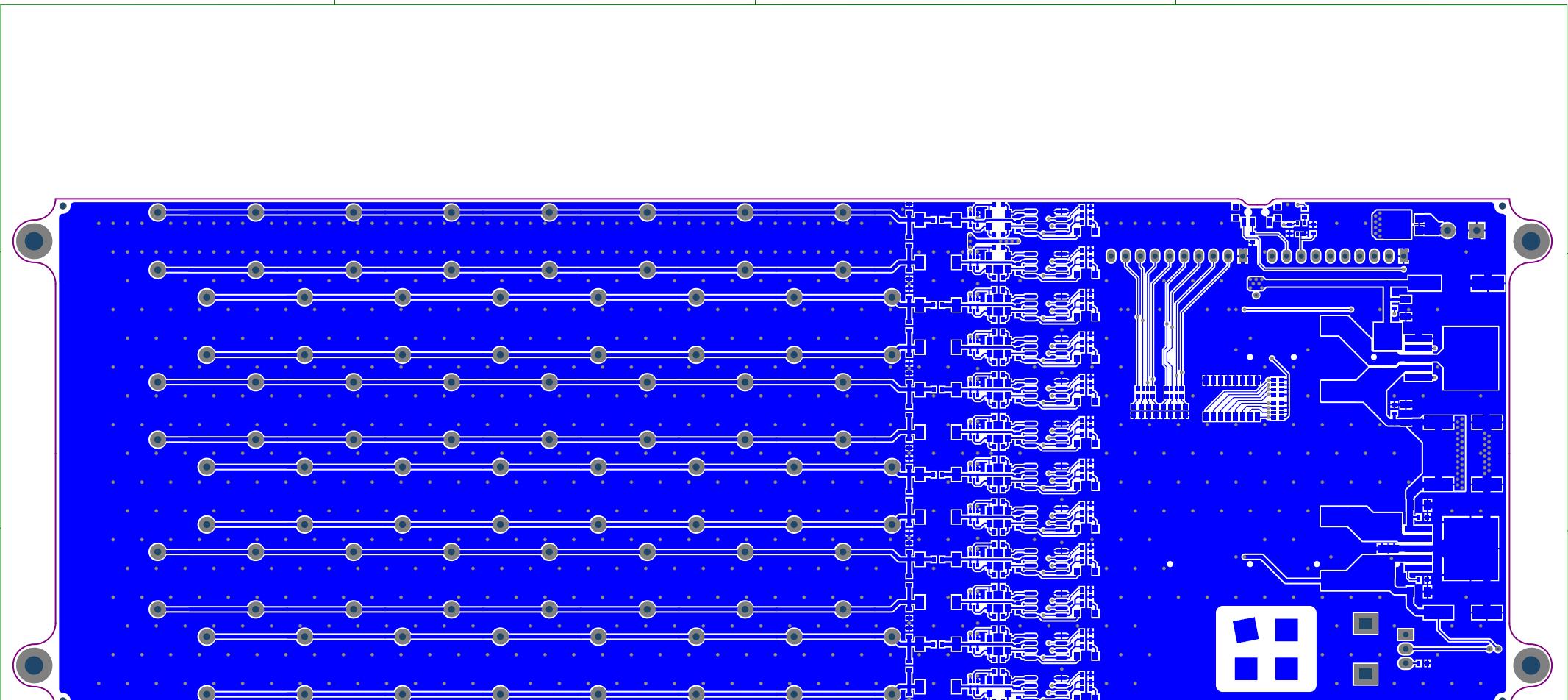
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ENGINEER:  
Florian Baumgartner  
PCB DESIGNER:  
Florian Baumgartner

DATE:  
25.03.2022

FILE NAME:  
Quad-Stage-Prototype\_V1.0.PcbDoc

TITLE:  
Quad-Stage-Prototype

PART NO.:  
1/1

DWG NO.:  
1/1

REV:  
V1.0

SCALE:  
1:1

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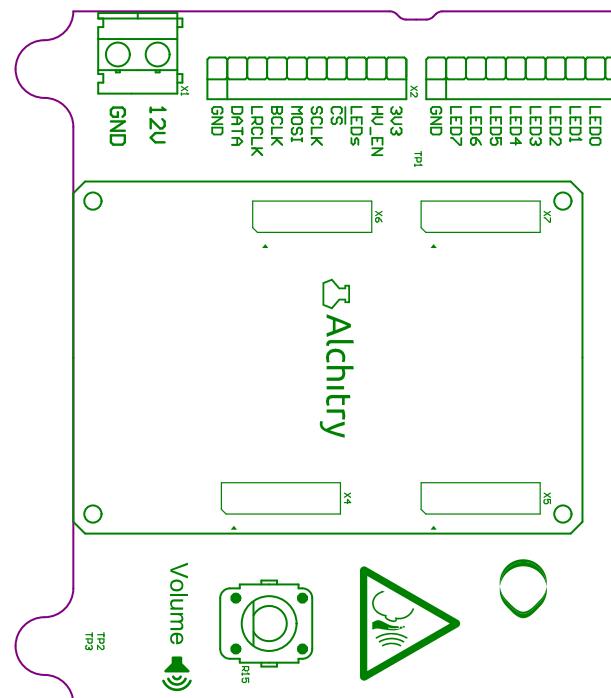
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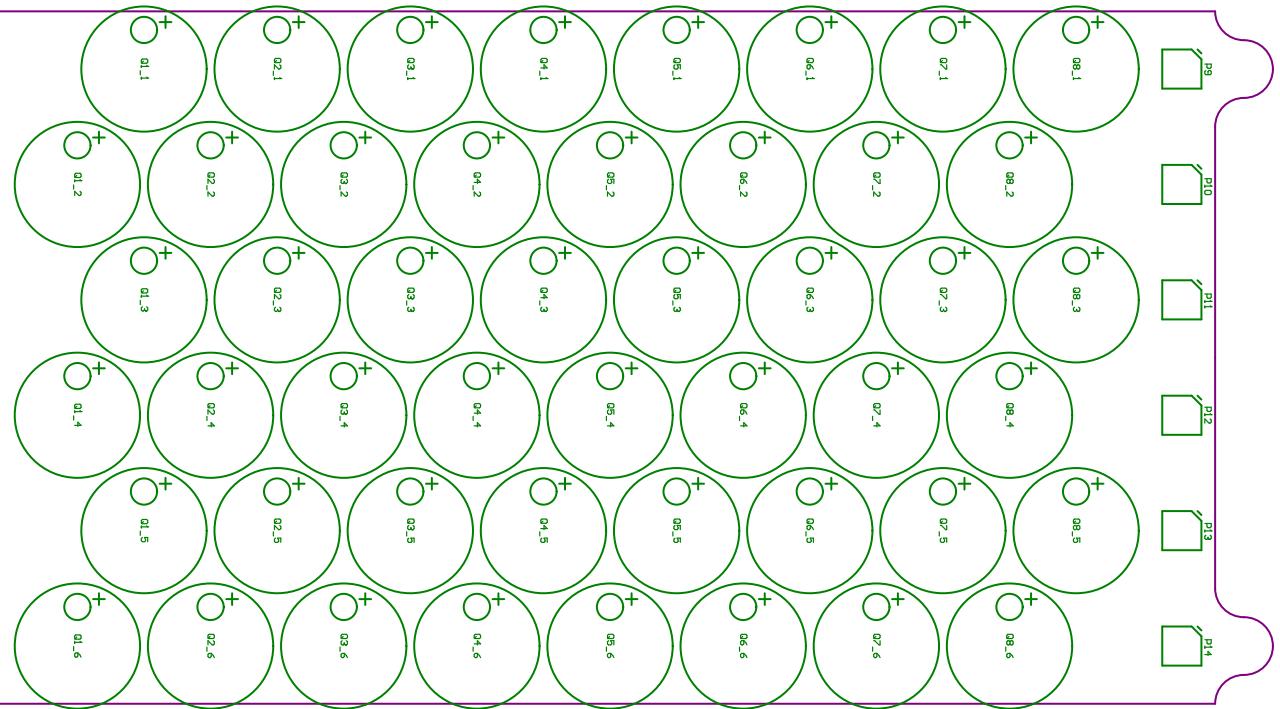
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# Audio-Beamformer

Florian Baumgartner & Thierry Schwaller



ENGINEER: Florian Baumgartner	TITLE:  Quad-Stage-Prototype	
PCB DESIGNER: Florian Baumgartner		
DATE: 25.03.2022	PART NO.: 1/1	REV: V1.0
FILE NAME: Quad-Stage-Prototype_V1.0.PcbDoc	DWG NO: 1/1	SCALE: 1:1

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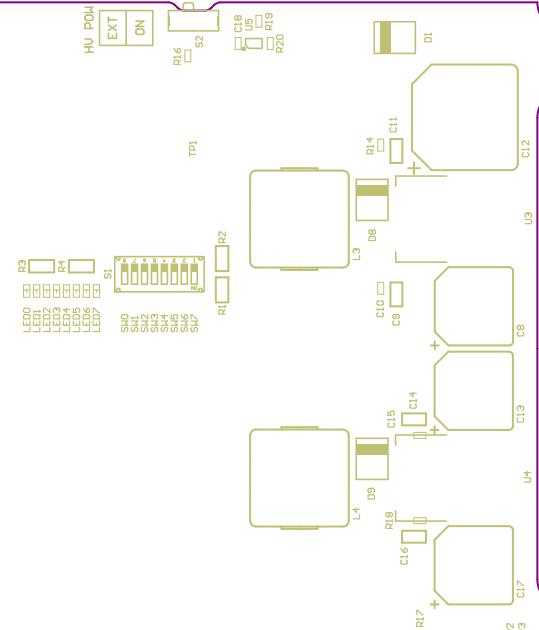
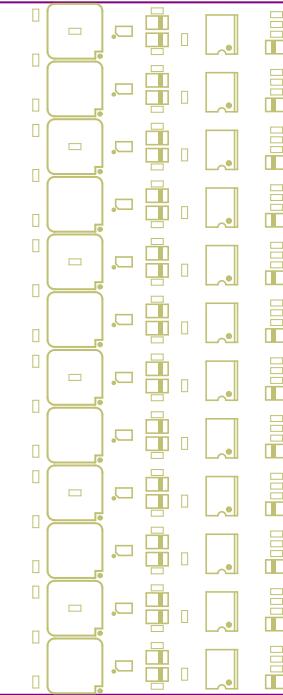
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Audio-Beamformer (6-Stage Prototype) V1.0  
 Florian Baumgartner & Thierry Schwaller  
 Ostschweizer Fachhochschule OST 28.03.2022



ENGINEER:  
**Florian Baumgartner**

PCB DESIGNER:  
**Florian Baumgartner**

DATE:  
**25.03.2022**

FILE NAME:  
**Quad-Stage-Prototype\_V1.0.PcbDoc**

TITLE:

**Quad-Stage-Prototype**

PART NO.:  
**1/1**

DWG NO:  
**1/1**

REV:  
**V1.0**

SCALE:  
**1:1**

A

267.25

260.00

252.50

B

73.75

B

C

C

A

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D

ENGINEER:  
Florian Baumgartner

PCB DESIGNER:  
Florian Baumgartner

DATE:  
25.03.2022

FILE NAME:  
Quad-Stage-Prototype\_V1.0.PcbDoc

TITLE:

Quad-Stage-Prototype

PART NO.:  
1/1

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1/1

REV:  
V1.0

SCALE:  
1:1