

Title **Acquisition-System**
Subtitle **Overview**

Author: *Florian Baumgartner & Alain Keller*

File: *Acquisition-System_V1.0.SchDoc*

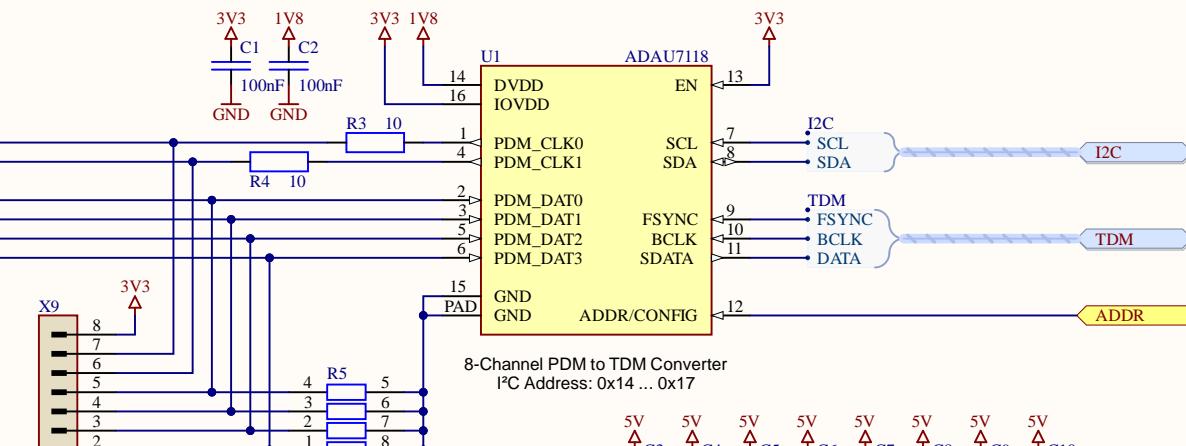
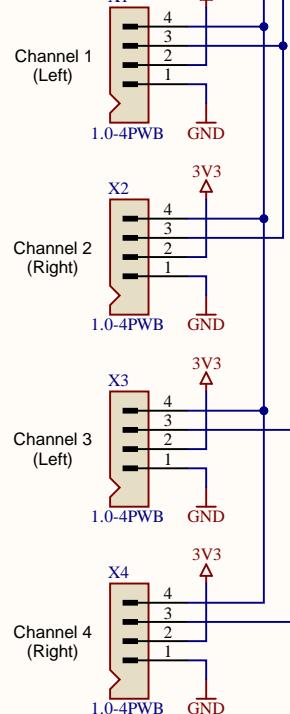


Date: *07.10.2023*

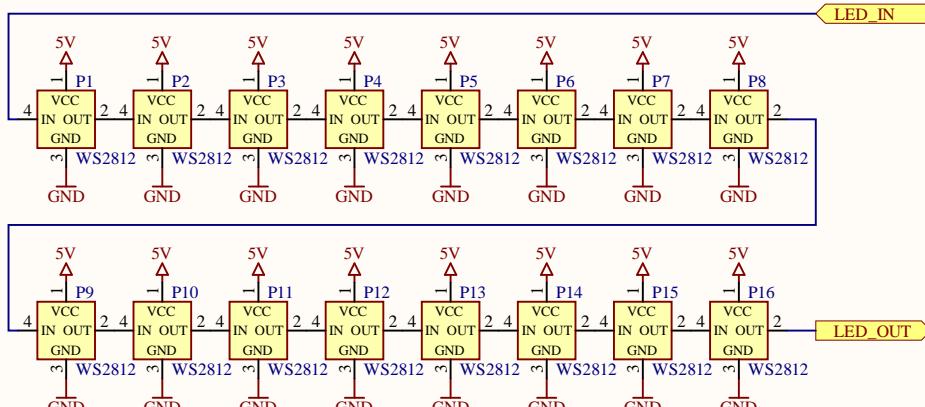
Rev: *V1.0*

Sheet 1 of 5

Matching Connector:
Adafruit Qwiic Type
(JST SH 4-Pin, 1mm)



External Pin-Header



Title **Acquisition-System**
Subtitle **PDM-Microphone Input**

Author: **Florian Baumgartner & Alain Keller**

File: **Acquisition-System_V1.0_Input.SchDoc**



Date: **07.10.2023**

Rev: **V1.0**

Sheet 2 of 5

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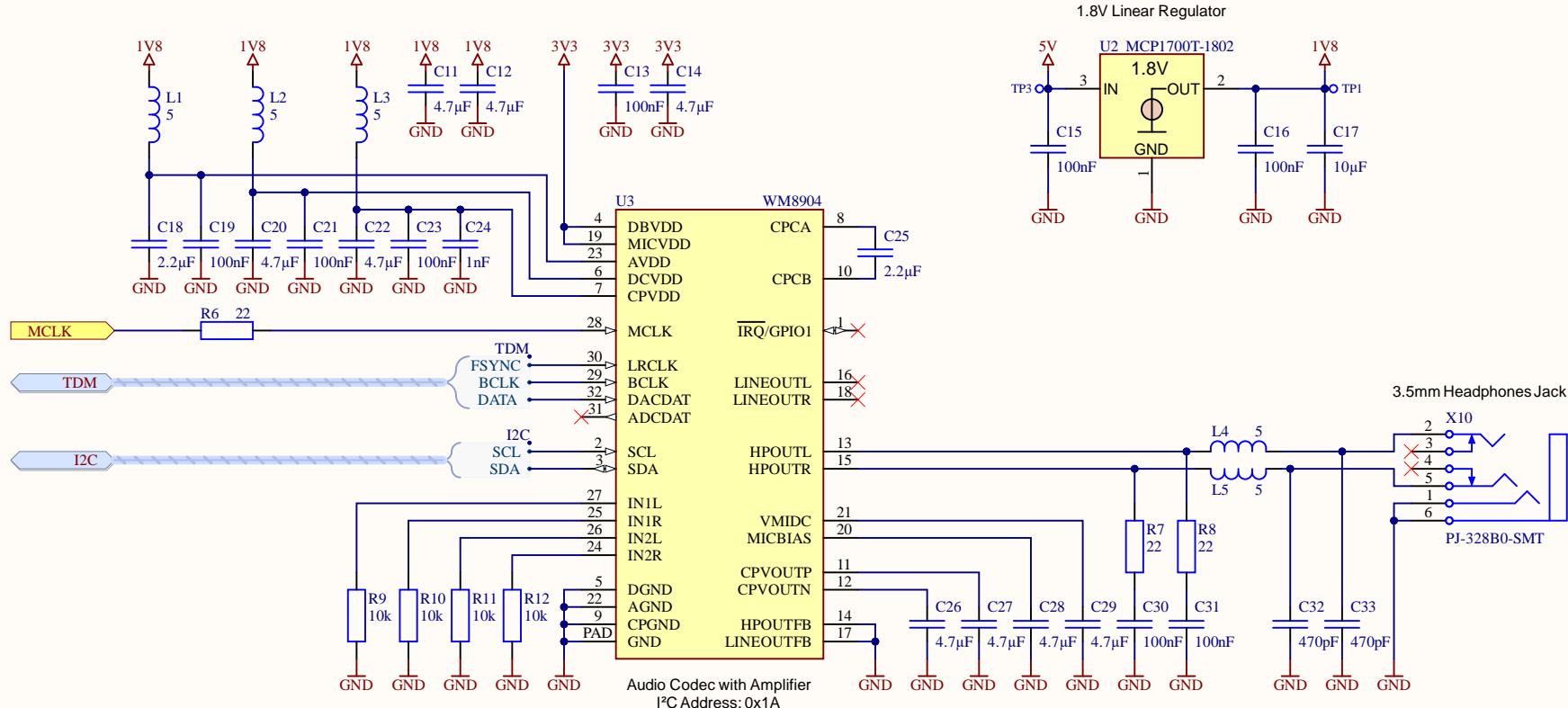
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Title **Acquisition-System**
Subtitle **Headphones Output**

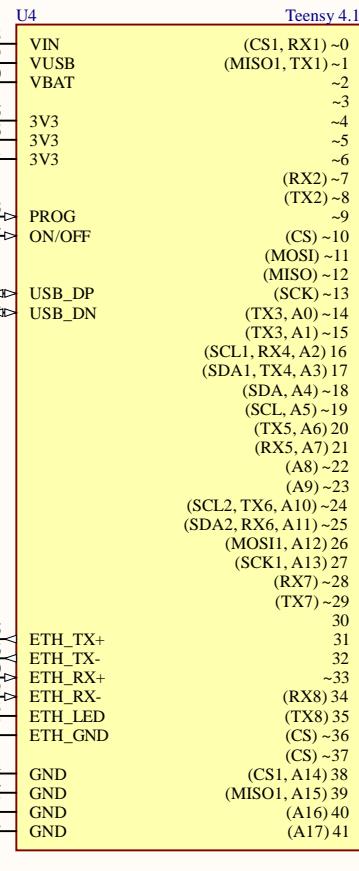
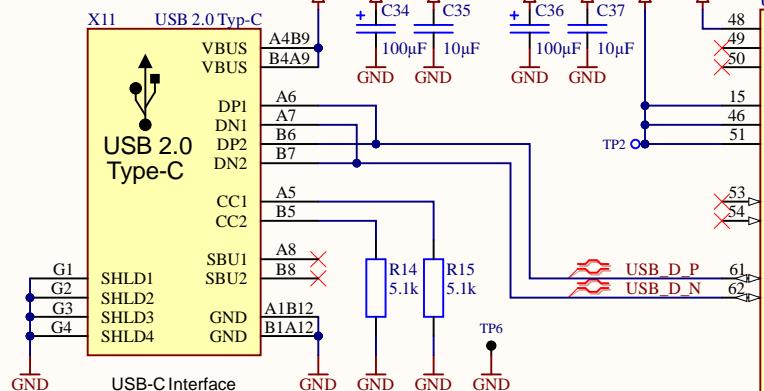
Author: *Florian Baumgartner & Alain Keller*

Date: 07.10.2023 | Rev: V1.0
File: Acquisition-System_V1.0_Headphones.SchDoc



A

△ Pogo-Pins for USB-Connection (2x):
 Type: P19-2221 (Ø1.5mm, 17.04mm)
 Digikey: 952-2604-ND
 Mouser: 855-P19-2221
 Farnell: 9960171



X12A

J1B1211CCD

RJ45 Connector with Magnetics and LEDs

Title **Acquisition-System**
 Subtitle **MCU**

Author: Florian Baumgartner & Alain Keller

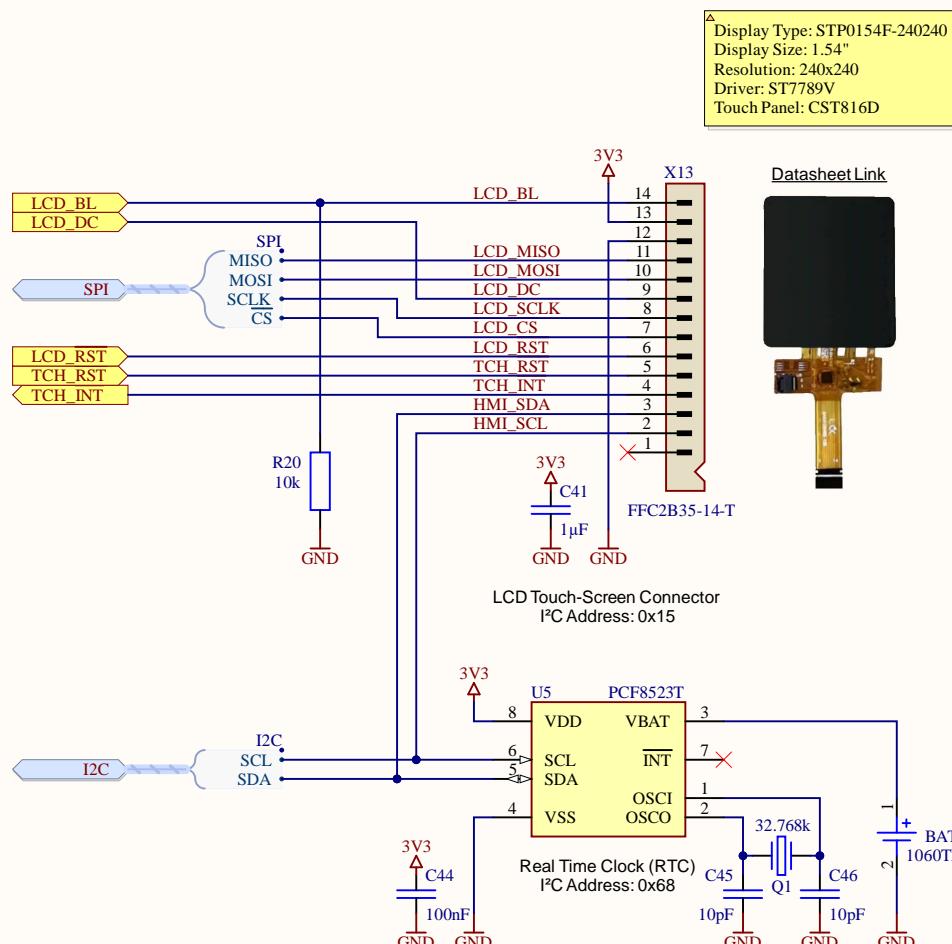
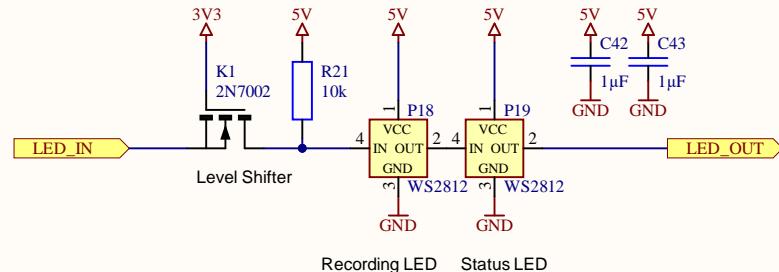
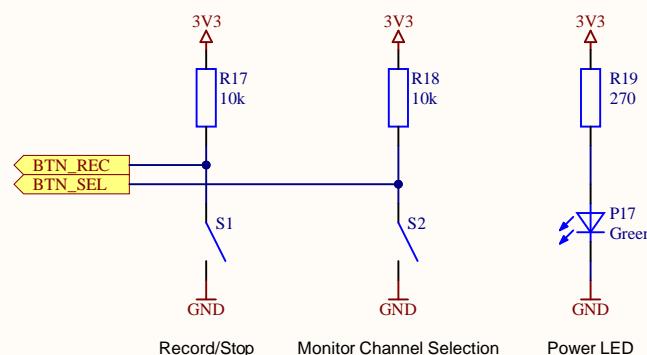
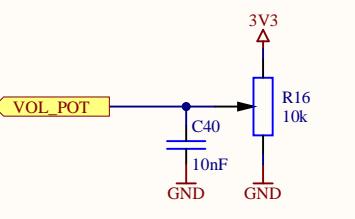
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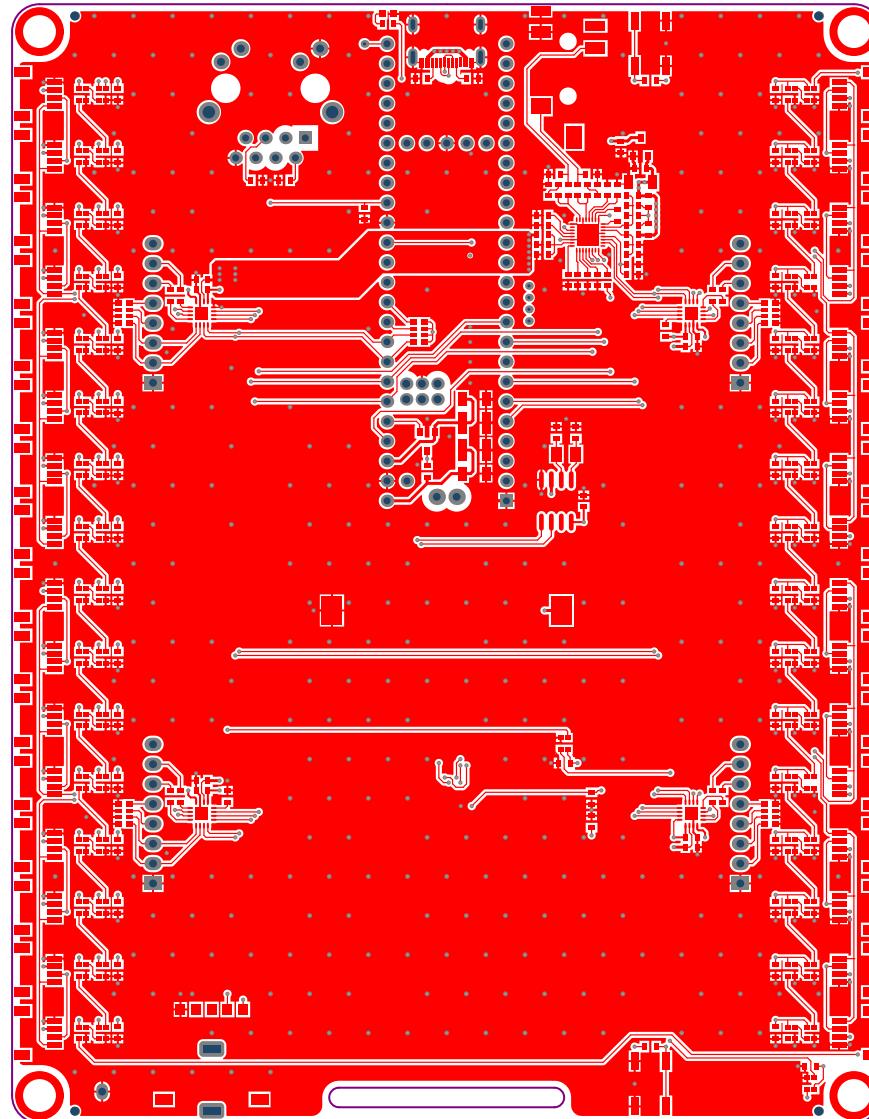


Date: 07.10.2023

Rev: V1.0

Sheet 4 of 5





ENGINEER:
Florian Baumgartner

PCB DESIGNER:
Florian Baumgartner

DATE:
02.10.2023

FILE NAME:
Acquisition-System_V1.0.PcbDoc

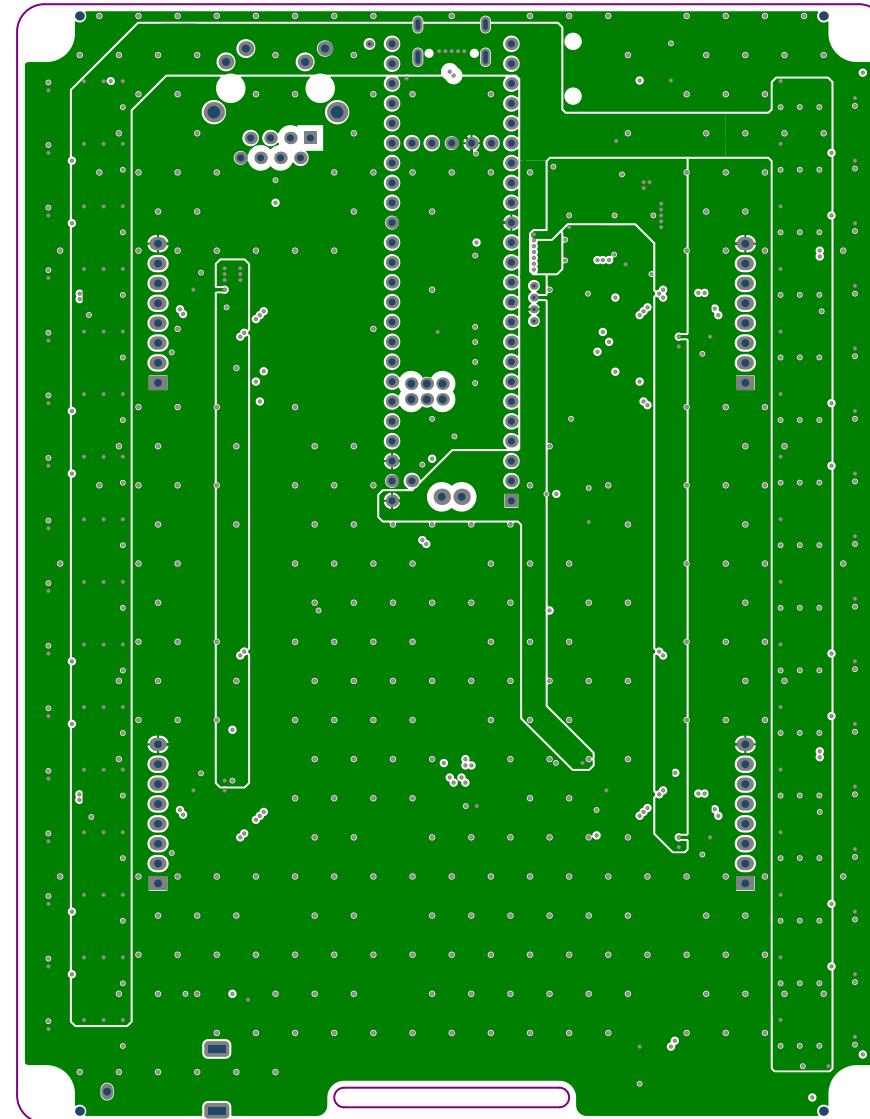
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Acquisition-System

PART NO.:
1/1

DWG NO.:
1/1

REV:
V1.1

SCALE:
1:1



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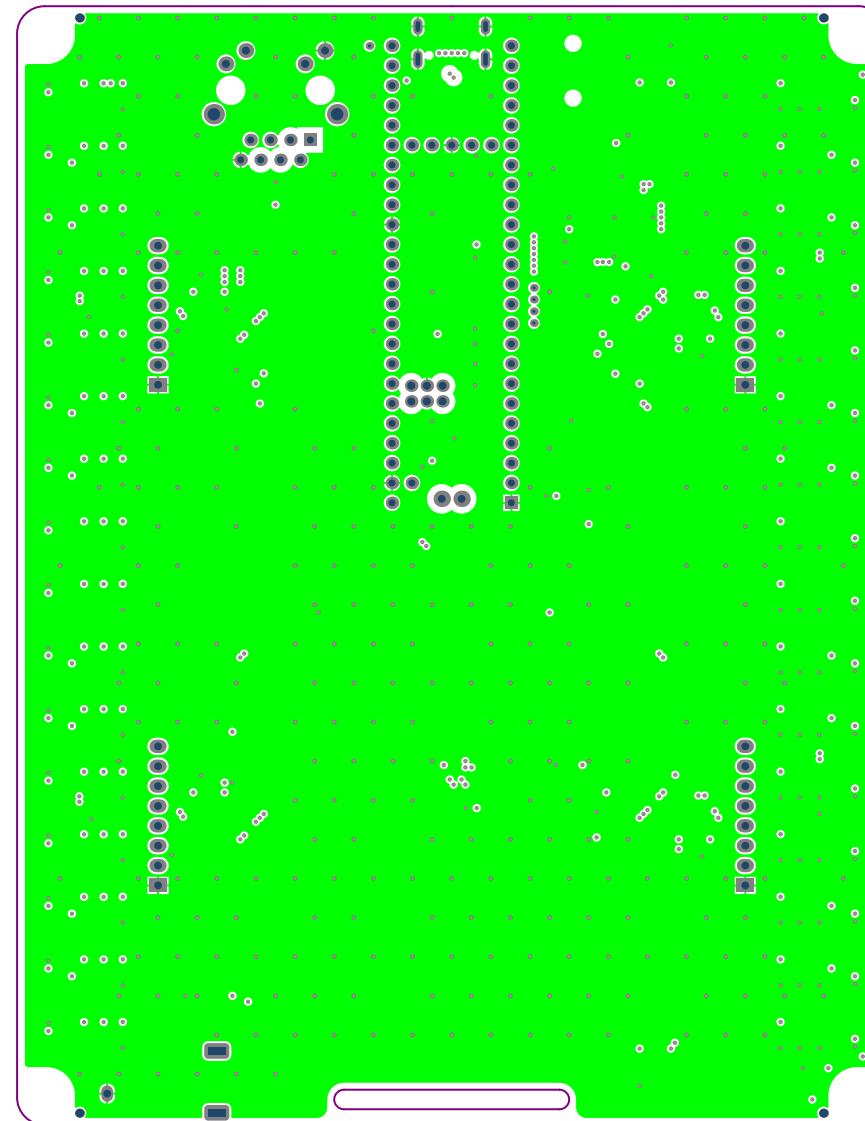
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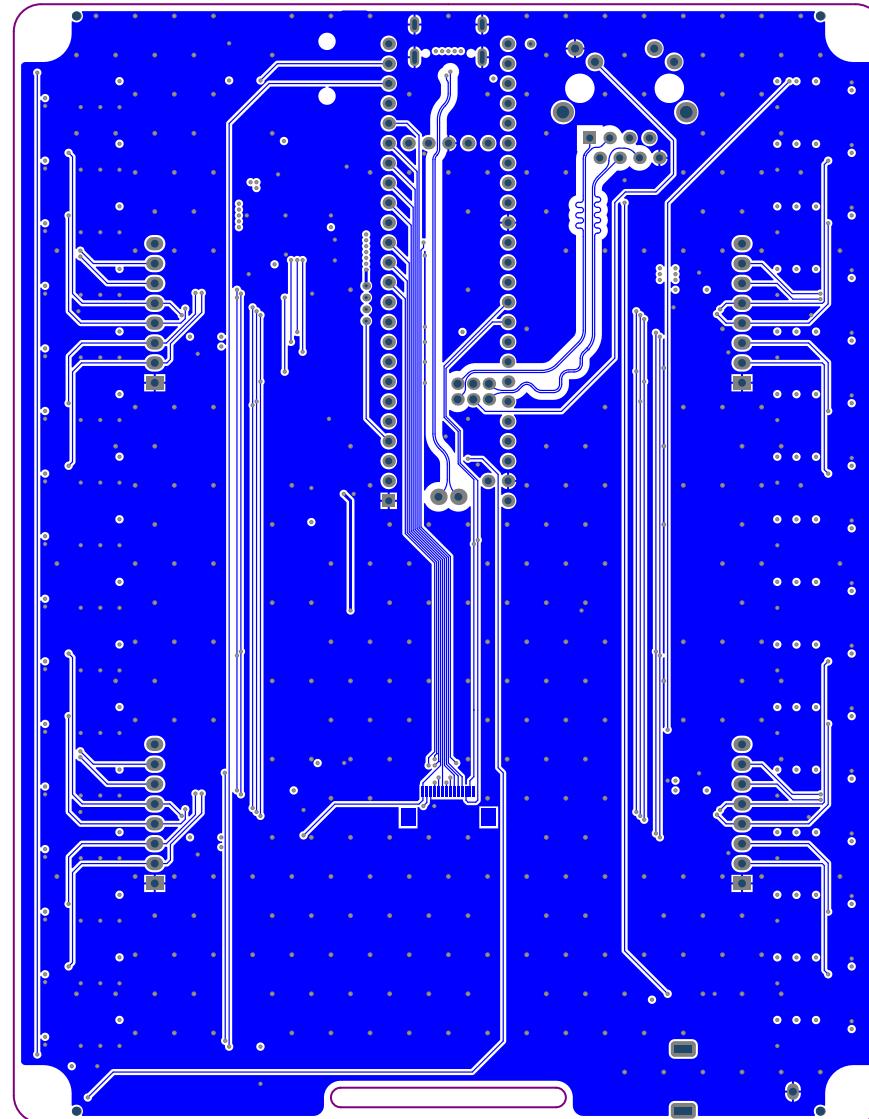
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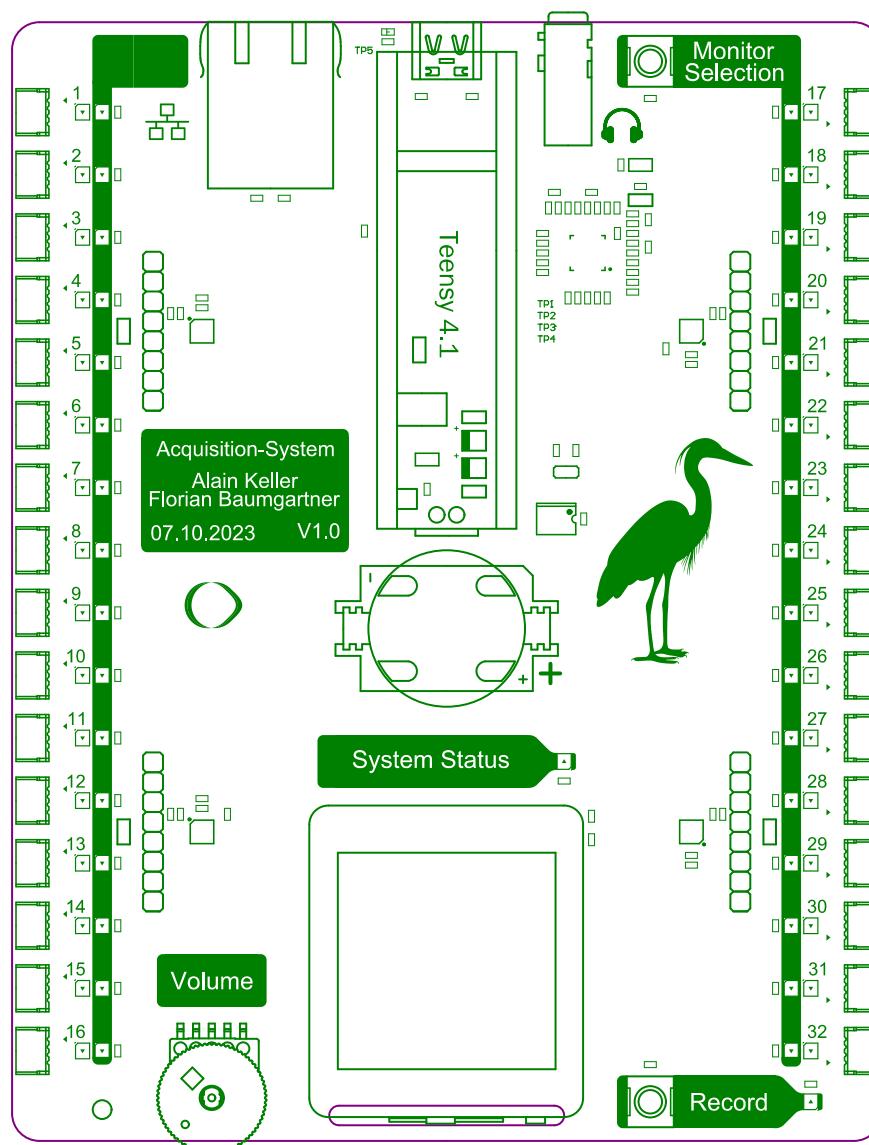
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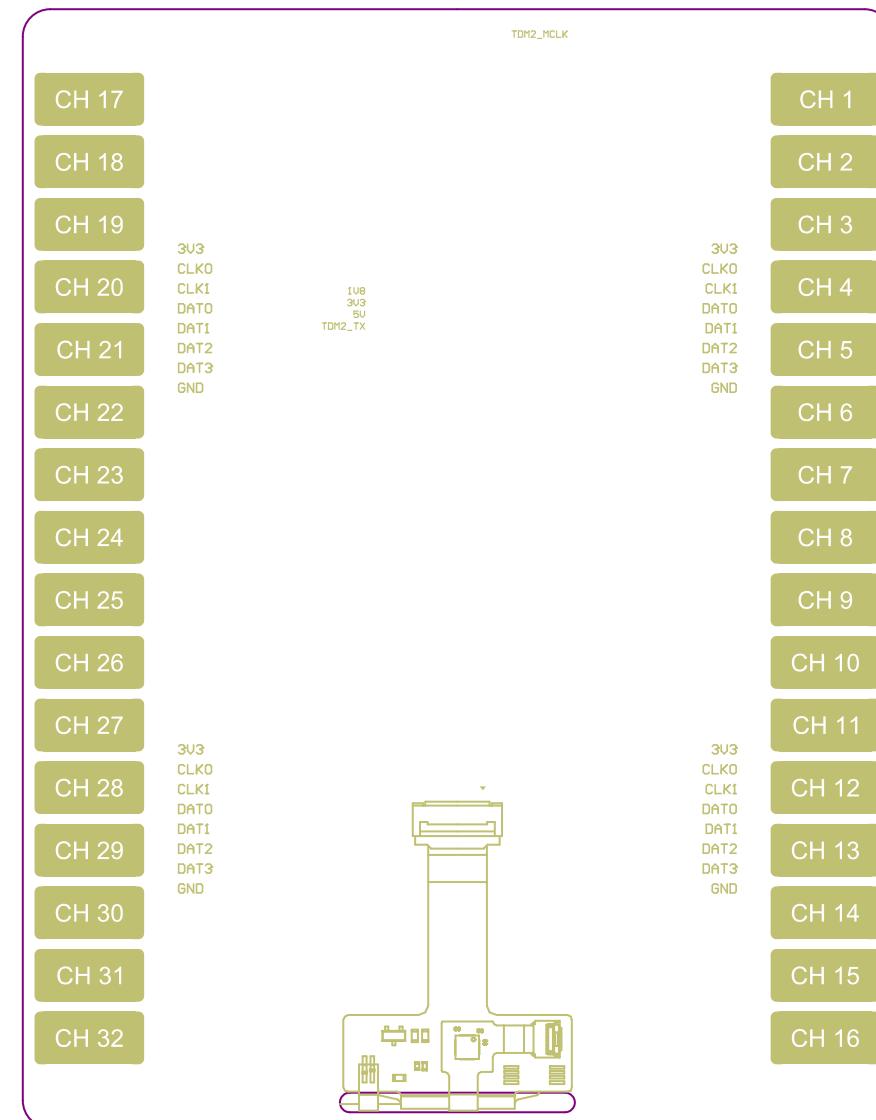
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V1.1

SCALE:
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ENGINEER: Florian Baumgartner	TITLE: Acquisition-System
PCB DESIGNER: Florian Baumgartner	
DATE: 02.10.2023	PART NO.: 1/1
FILE NAME: Acquisition-System_V1.0.PcbDoc	REV: V1.1
	DWG NO: 1/1
	SCALE: 1:1



ENGINEER: Florian Baumgartner	TITLE: Acquisition-System	REV: V1.1
PCB DESIGNER: Florian Baumgartner		
DATE: 02.10.2023	PART NO.: 1/1	
FILE NAME: Acquisition-System_V1.0.PcbDoc	DWG NO.: 1/1	SCALE: 1:1