

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

Author: *Florian Baumgartner & Alain Keller*

File: *Acquisition-System_V1.0.SchDoc*

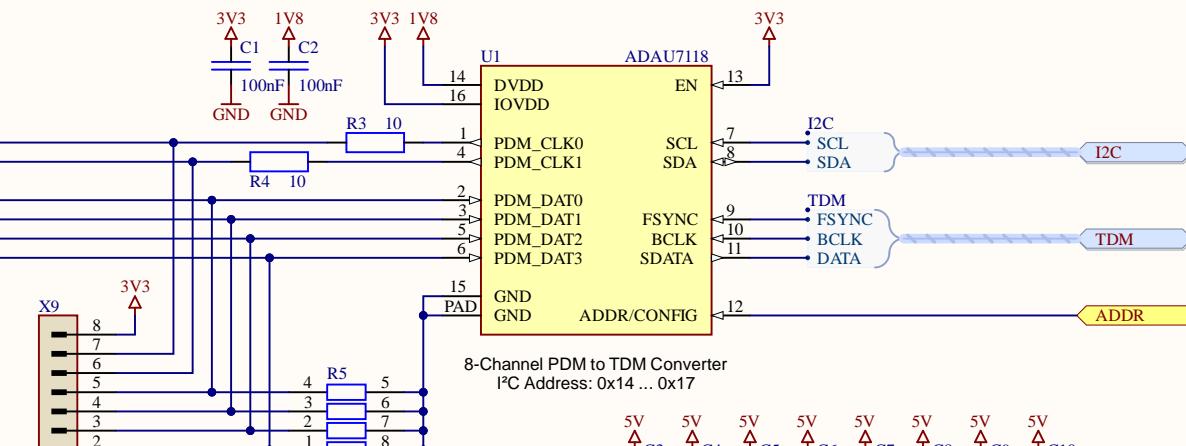
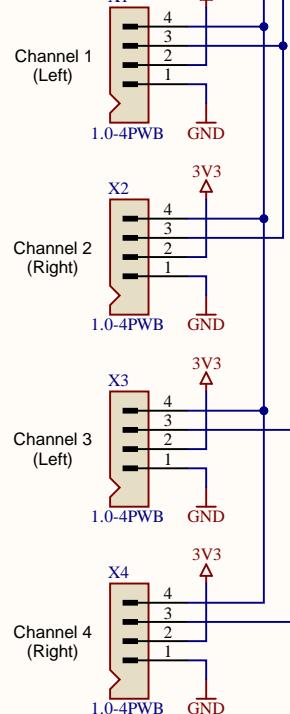


Date: *07.10.2023*

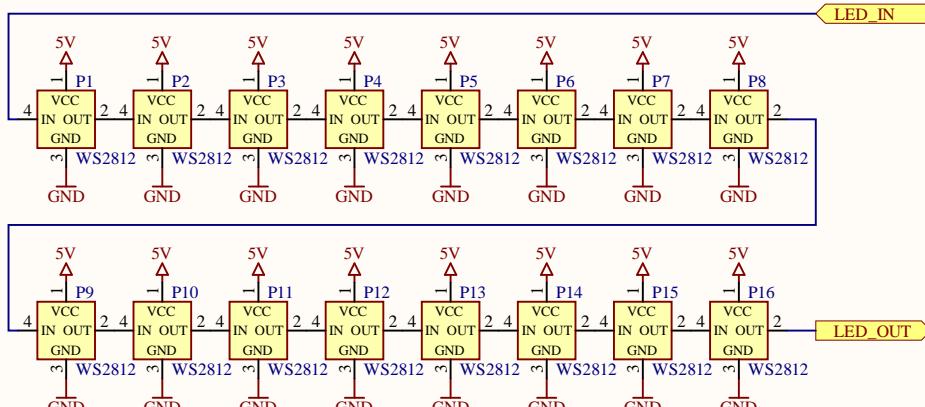
Rev: *V1.0*

Sheet 1 of 5

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



External Pin-Header



Acquisition-System

Subtitle PDM-Microphone Input

Author: Florian Baumgartner & Alain Keller

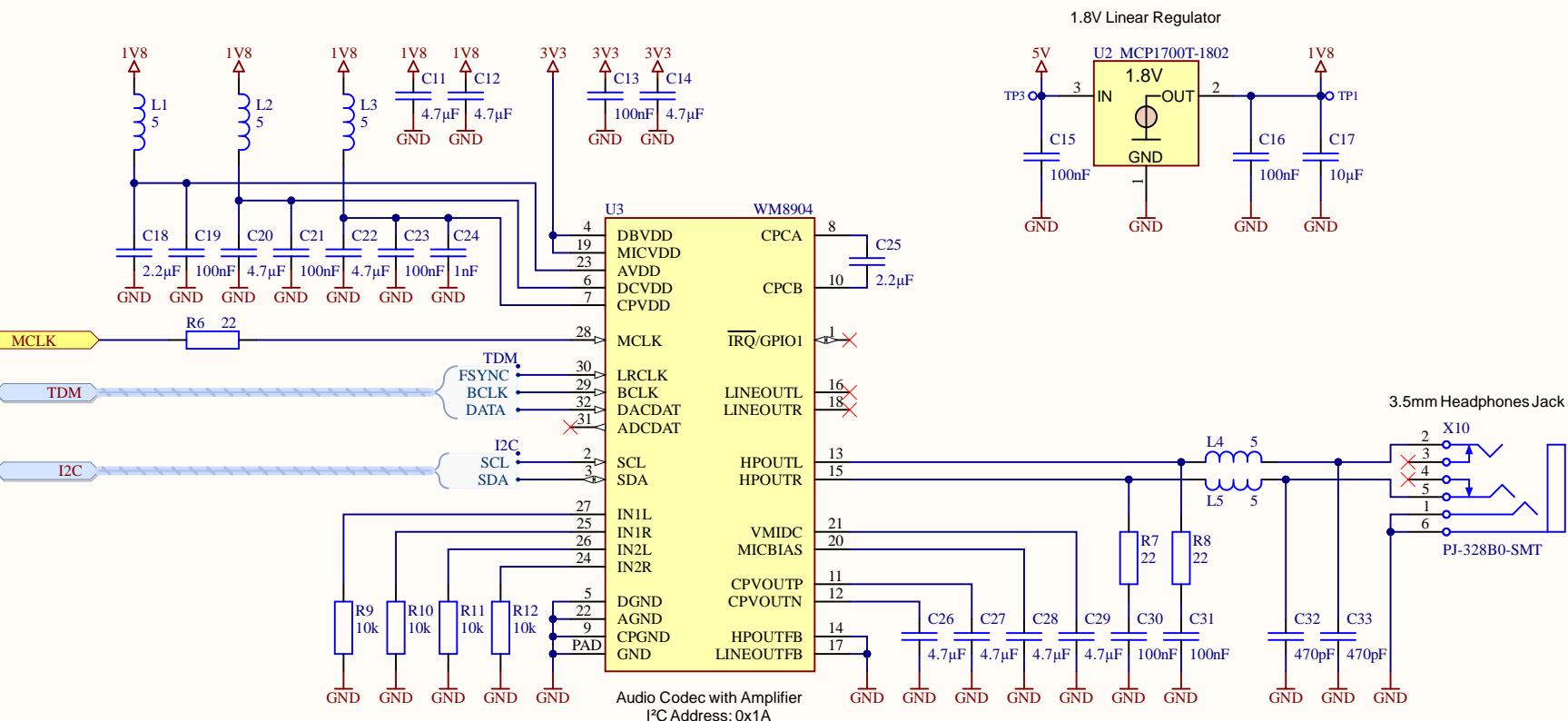
Date: 07.10.2023

Rev: V1.0

File: Acquisition-System_V1.0_Input.SchDoc



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Title

Acquisition-System

Subtitle Headphones Output

Author: Florian Baumgartner & Alain Keller

File: Acquisition-System_V1.0_Headphones.SchDoc



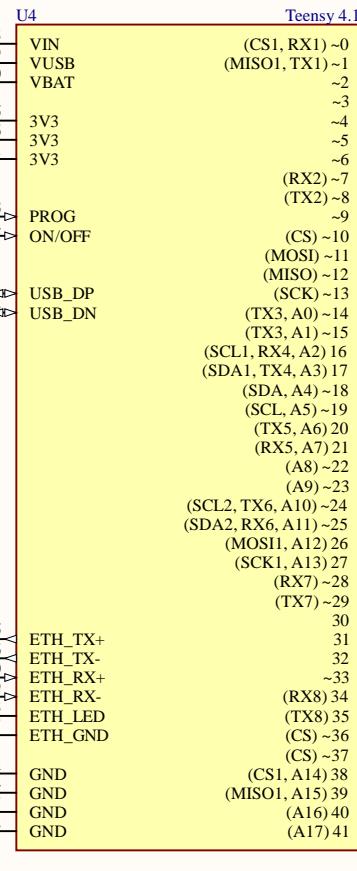
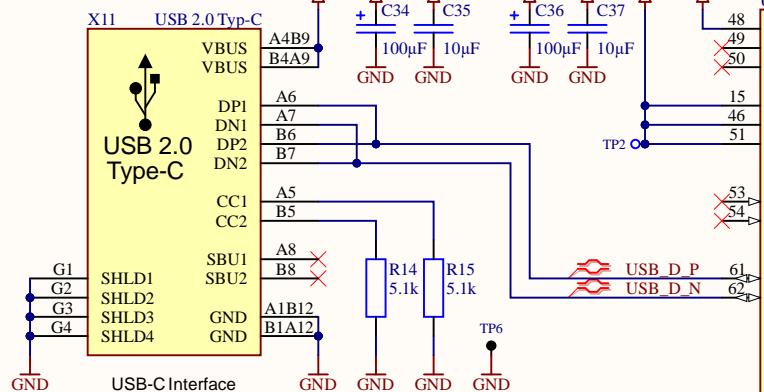
Date: 07.10.2023

Rev: V1.0

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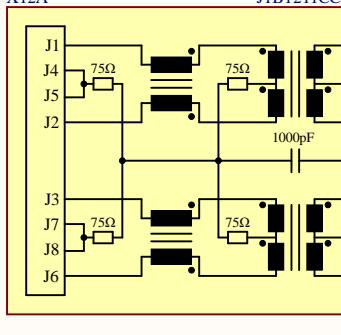
A

△ 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

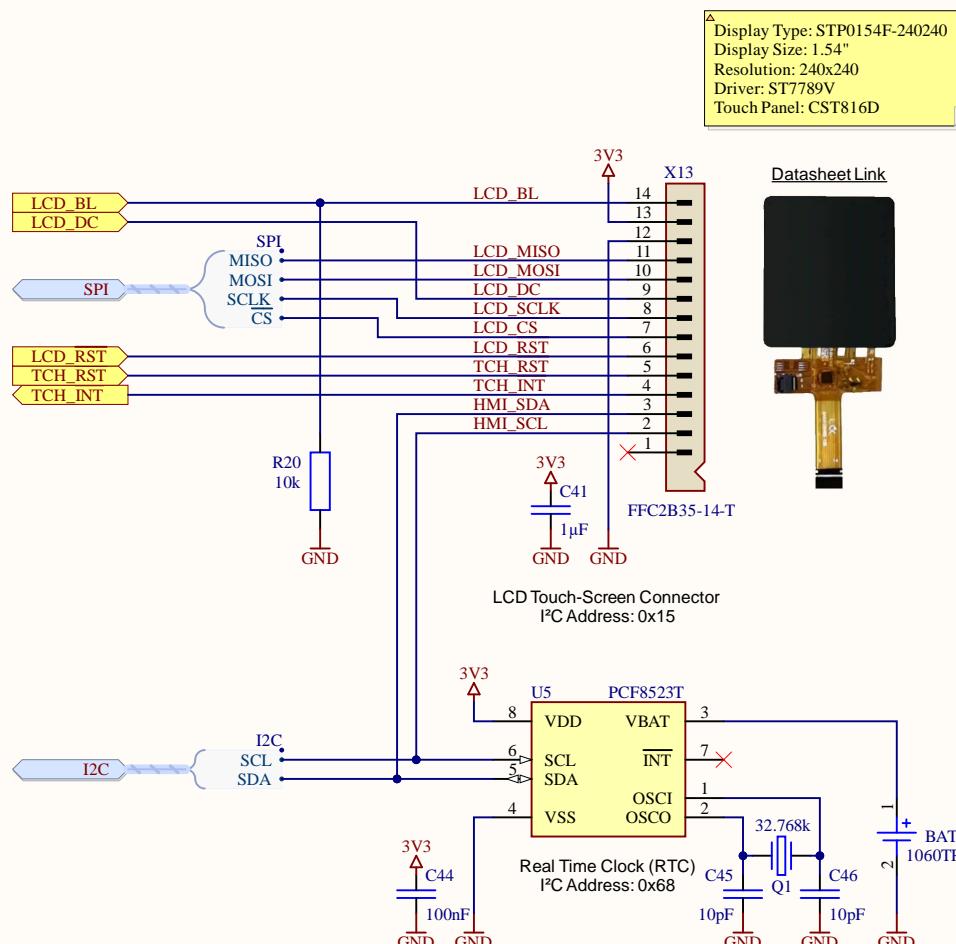
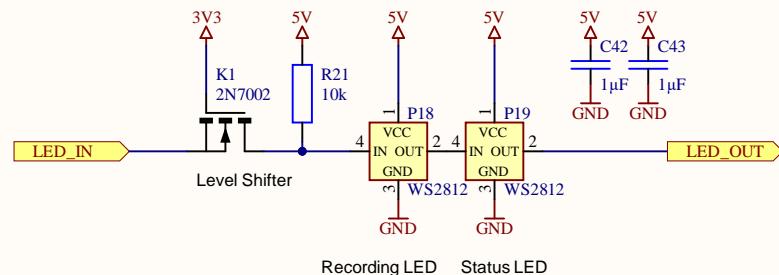
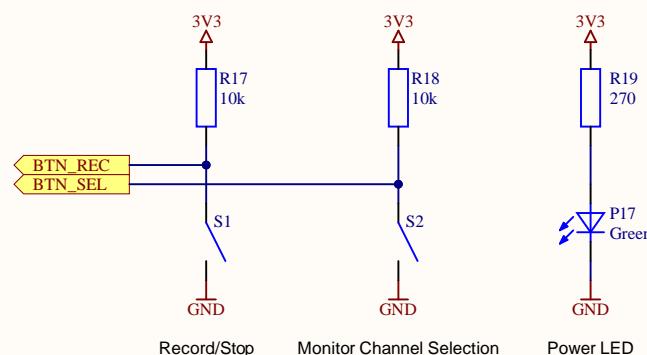
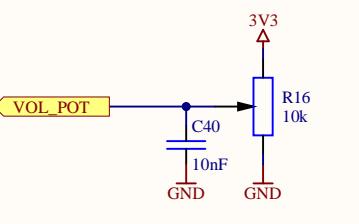


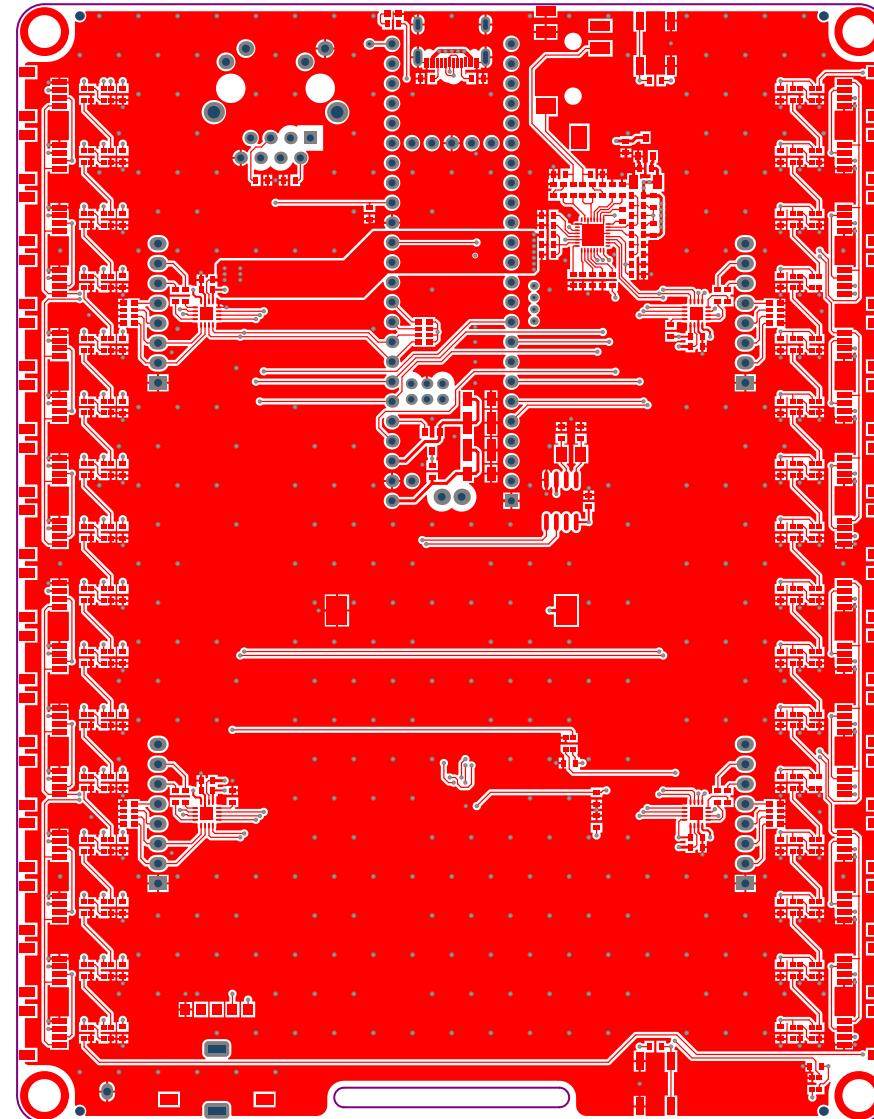
RJ45 Connector with Magnetics and LEDs

Title

Acquisition-SystemSubtitle **MCU**Author: **Florian Baumgartner & Alain Keller**File: **Acquisition-System_V1.0 MCU.SchDoc**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

TITLE:
Acquisition-System

PART NO.:
1/1

DWG NO.:
1/1

REV:
V1.1

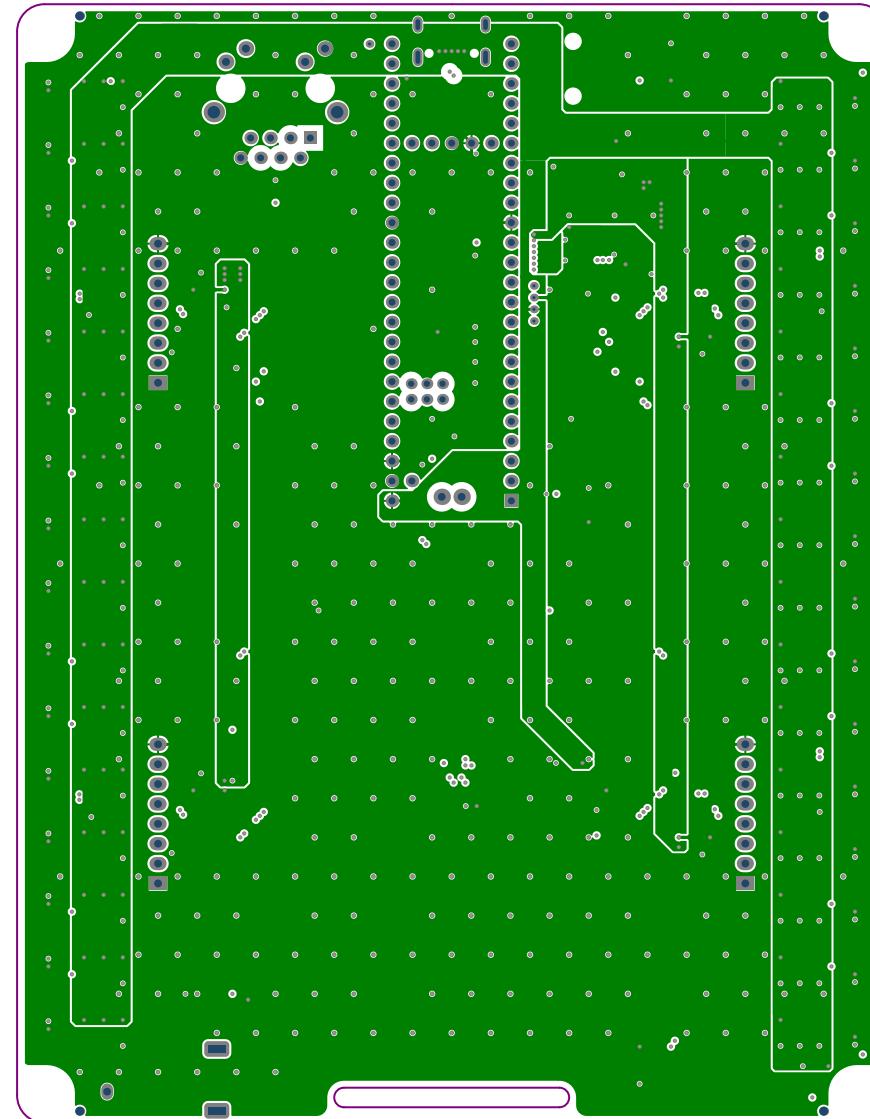
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C

D



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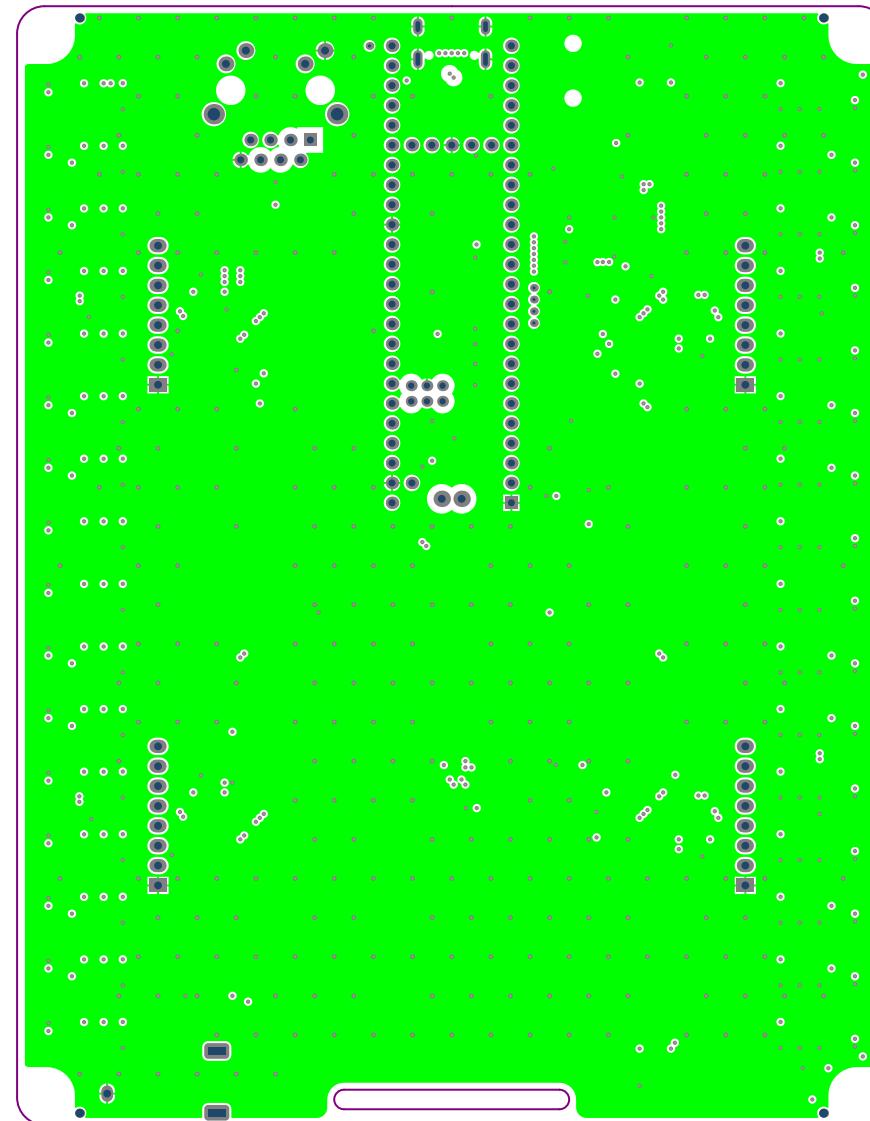
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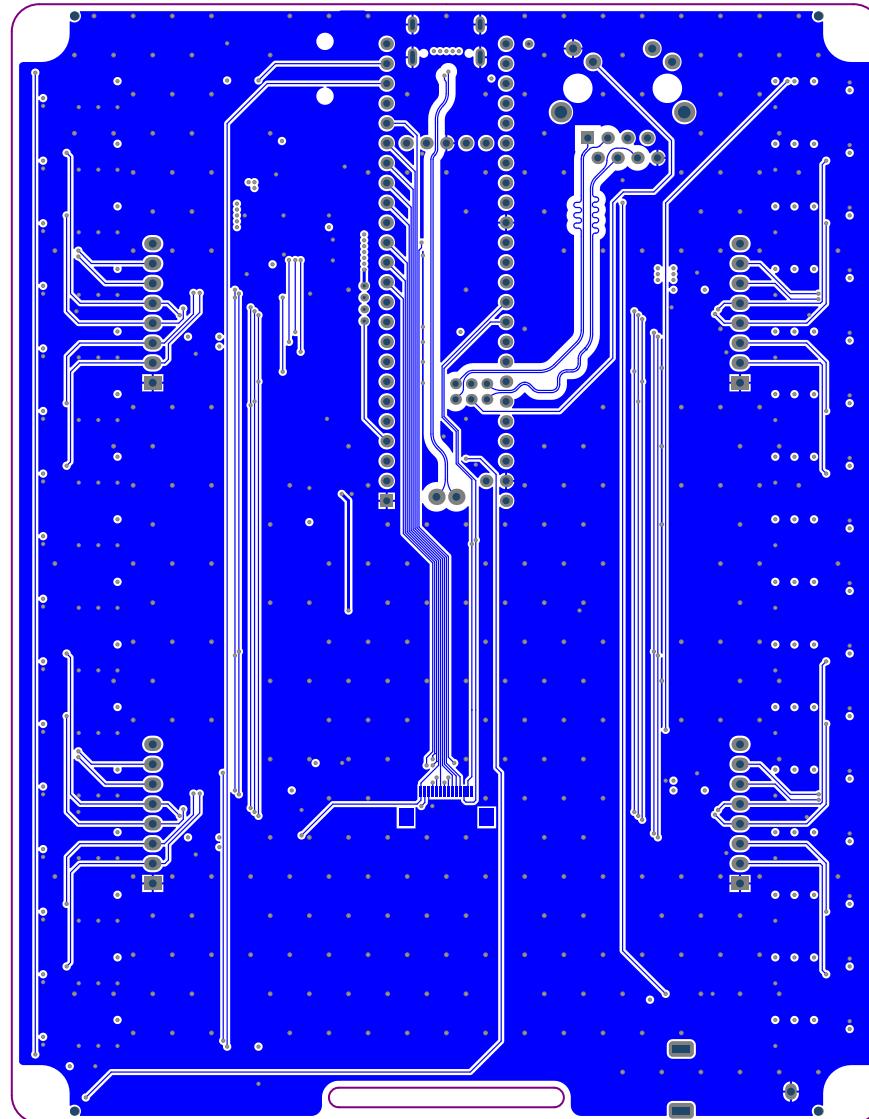
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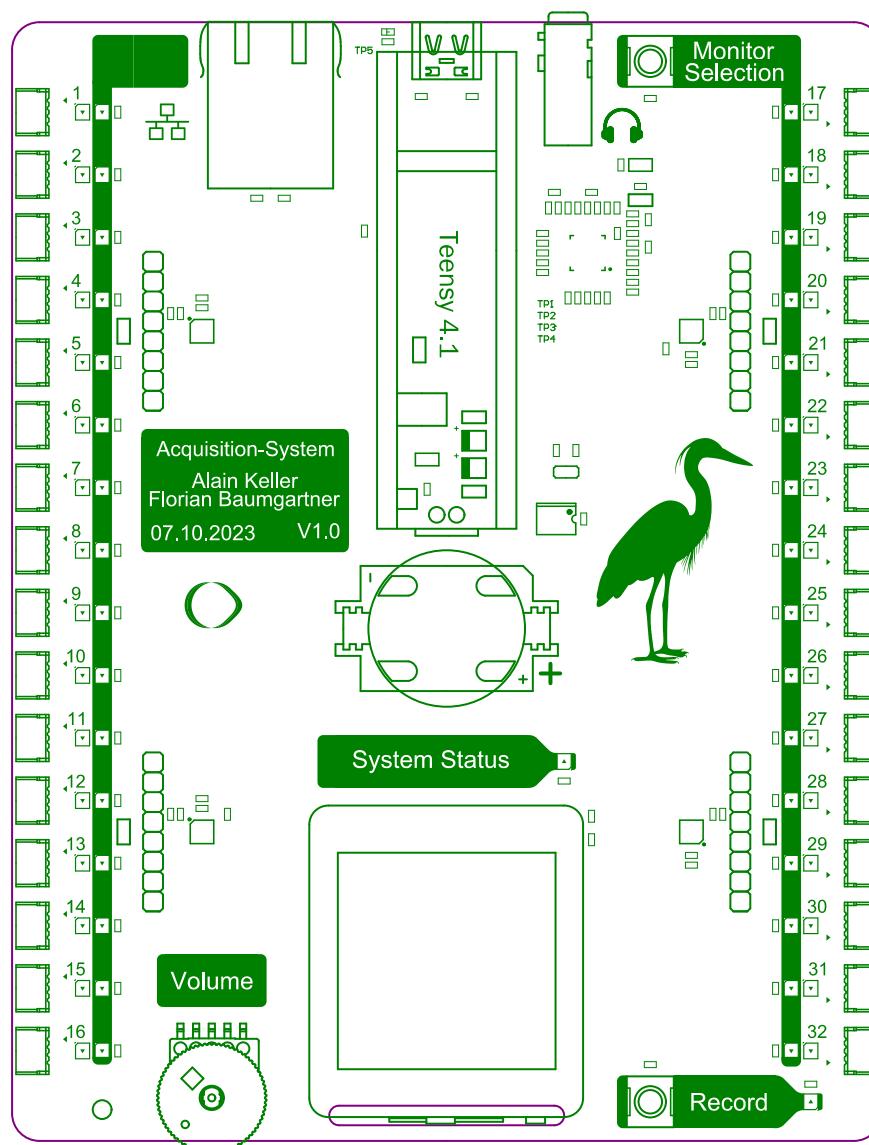
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PCB DESIGNER: Florian Baumgartner	
DATE: 02.10.2023	PART NO.: 1/1
FILE NAME: Acquisition-System_V1.0.PcbDoc	REV: V1.1
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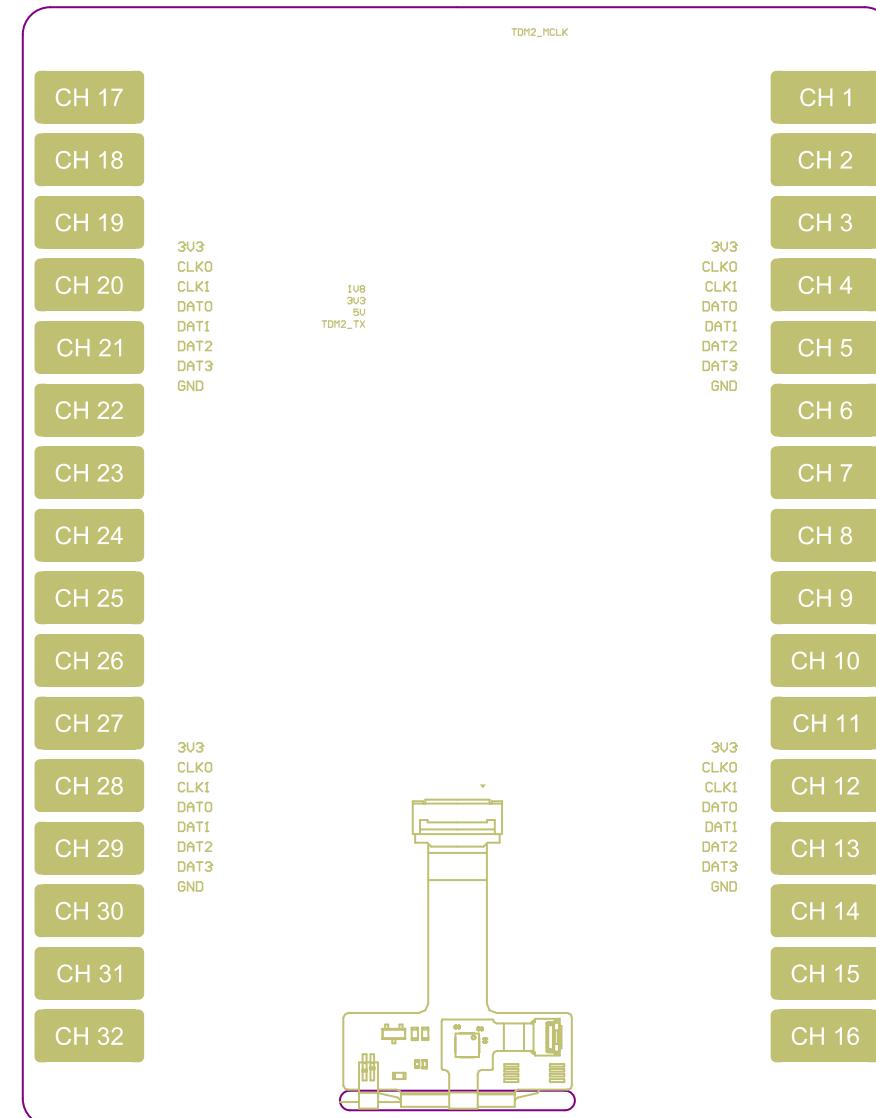
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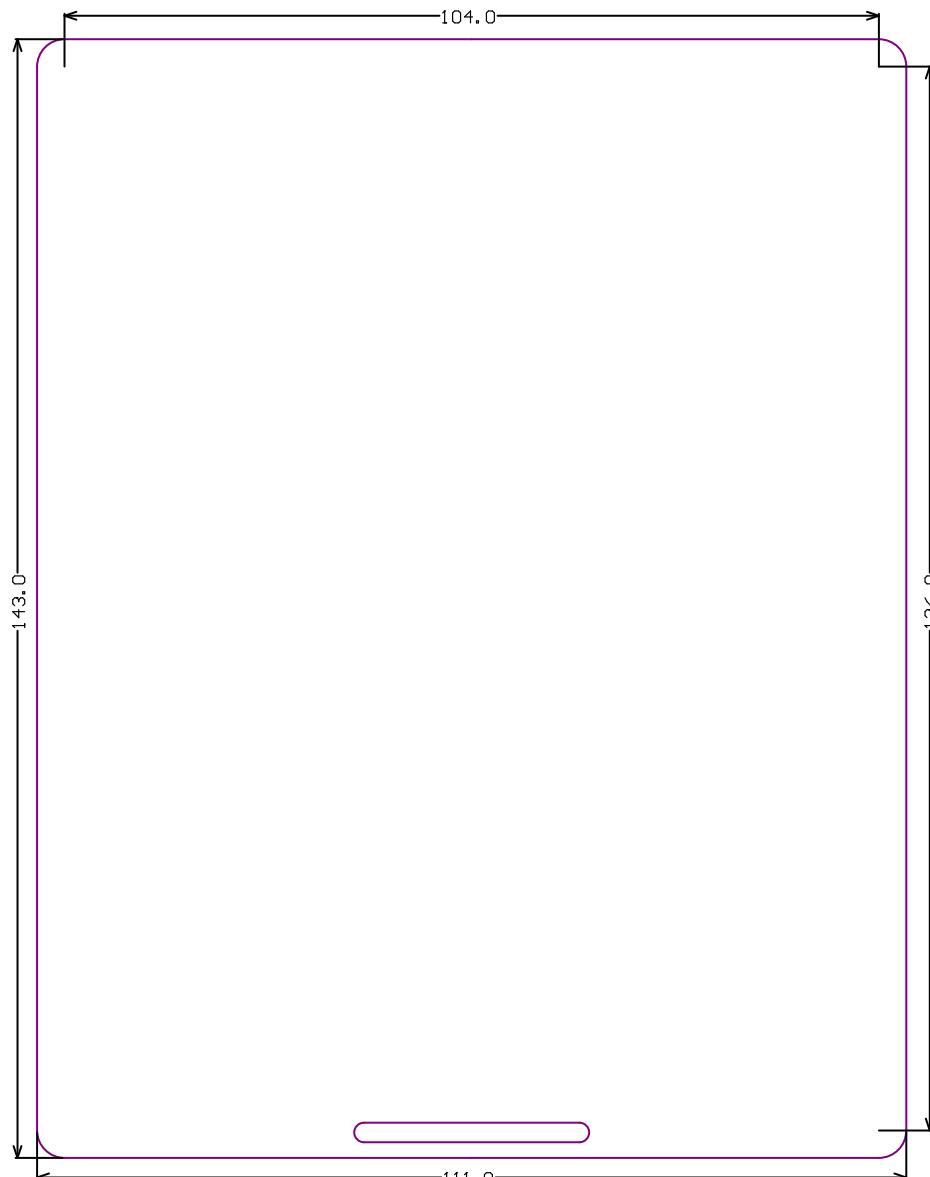
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