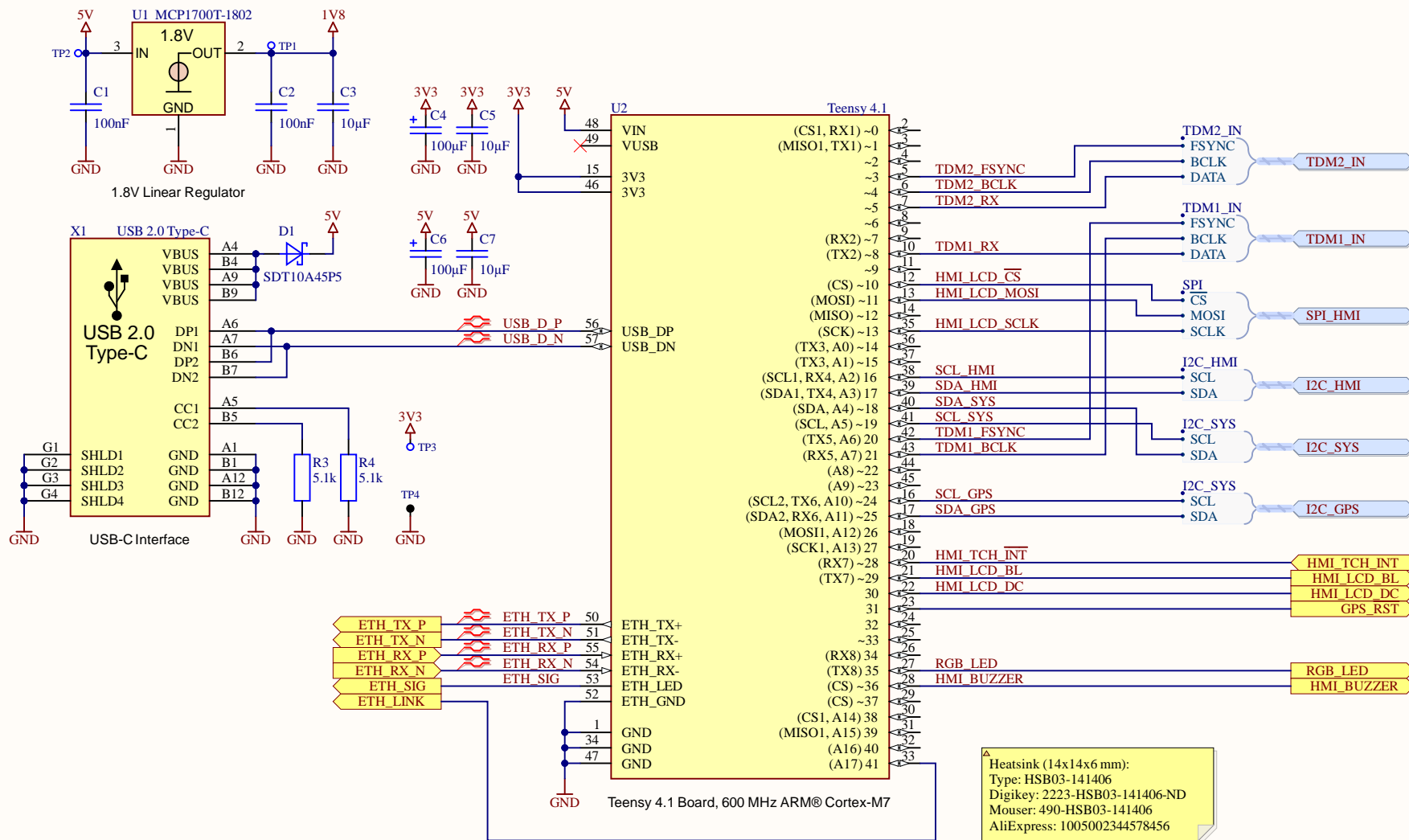


Solderable Standoff Nuts (M3 3mm)

Title **Mainboard**Subtitle **Overview**Author: *Florian Baumgartner & Alain Keller*File: *Mainboard\_V1.0.SchDoc*Date: **02.12.2023**Rev: **V1.0**Sheet **1** of **7**



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

**Male Connector for Ethernet-Connection:**  
 Type: 0877580616 (6-Pin, 2.0mm)  
 Digikey: WM18834-ND  
 Mouser: 538-87758-0616  
 Farnell: 2751441

**Female Connector for Ethernet-Connection:**  
 Type: ESQT-103-02-L-D-410 (6-Pin, 2.0mm)  
 Digikey: ESQT-103-02-L-D-410-ND  
 Mouser: 200-ESQT10302LD410  
 Farnell: 3733870

Title **Mainboard**

Subtitle **MCU**

Author: *Florian Baumgartner & Alain Keller*

File: *Mainboard\_V1.0\_MCU.SchDoc*

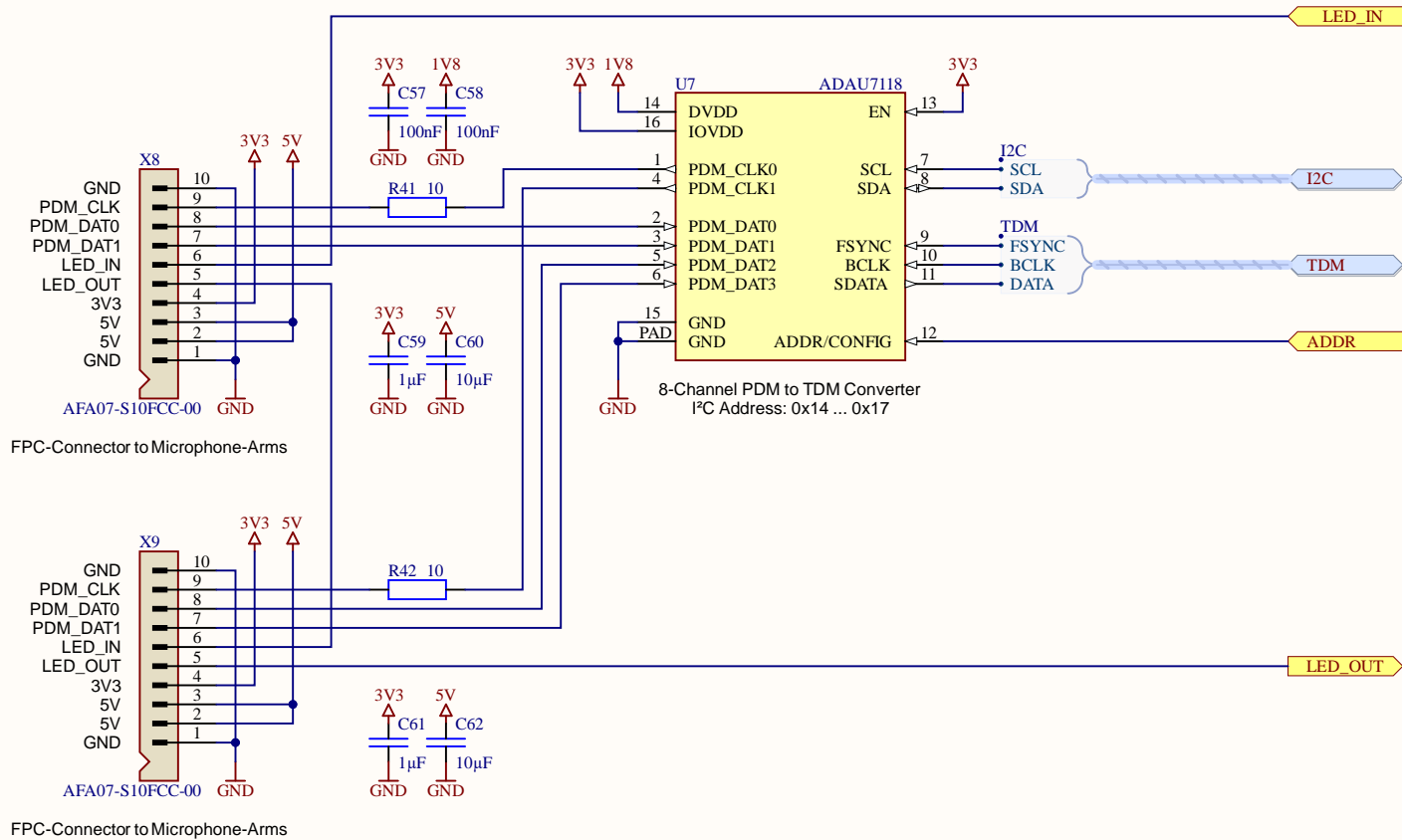


Date: **02.12.2023**

Rev: **V1.0**

Sheet **2** of **7**

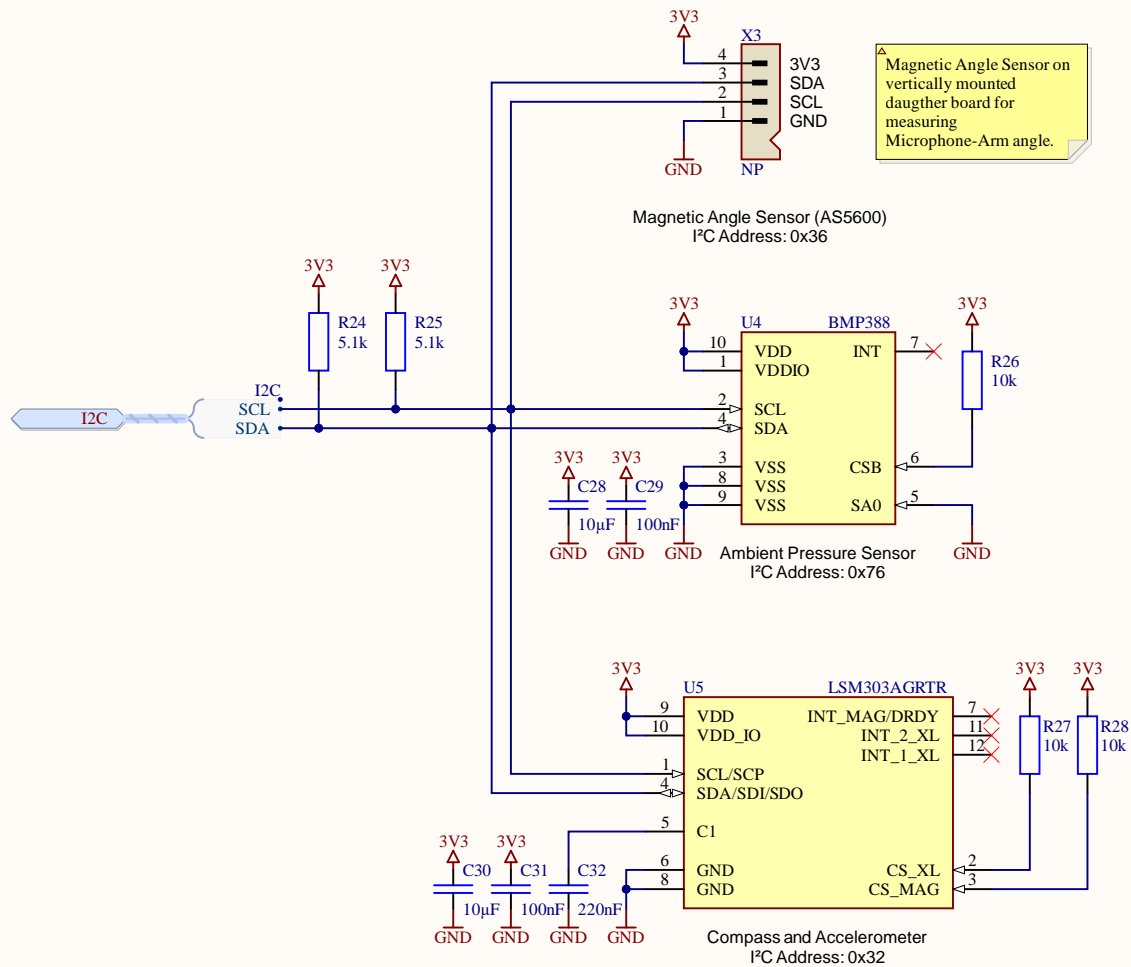
FPC/FPC-Cable  
 Type: MOLEX 15167-0247  
 Pins: 10  
 Pin-Pitch: 1.0mm  
 Length: 51.0mm  
 Width: 11.0mm  
 Contacts: Same Side Contacts  
 Stiffner: 0.3mm













Title <b>Mainboard</b>	 <b>OST</b> Ostschweizer Hochschule	 <b>ICAI</b>
Subtitle <b>Sensors</b>		
Author: <i>Florian Baumgartner &amp; Alain Keller</i>	Date: <b>02.12.2023</b>	Rev: <b>V1.0</b>
File: <b>Mainboard_V1.0_Sensors.SchDoc</b>	Sheet <b>7</b> of <b>7</b>	