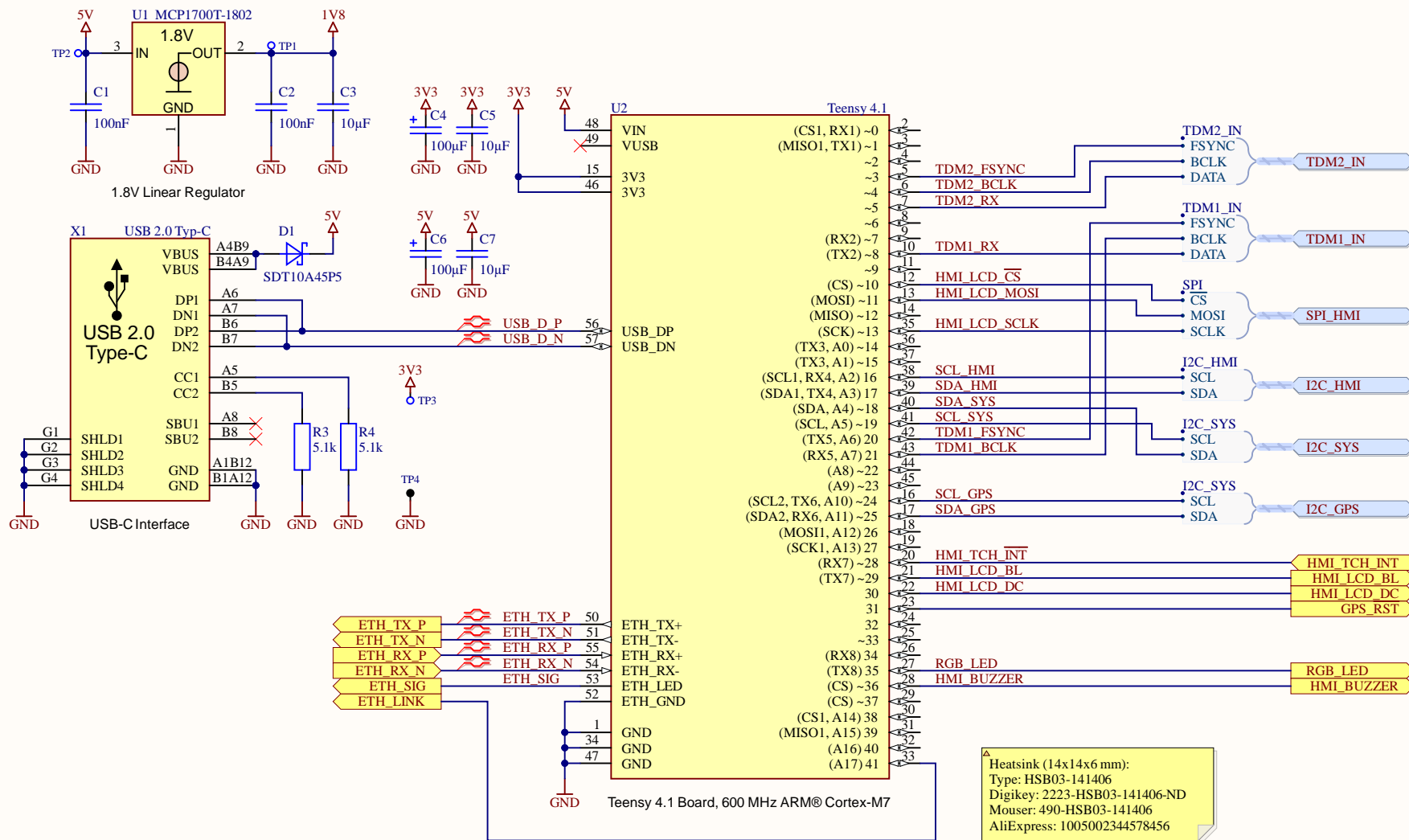


Solderable Standoff Nuts (M3 3mm)

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**



Pin-Header for Ethernet

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*

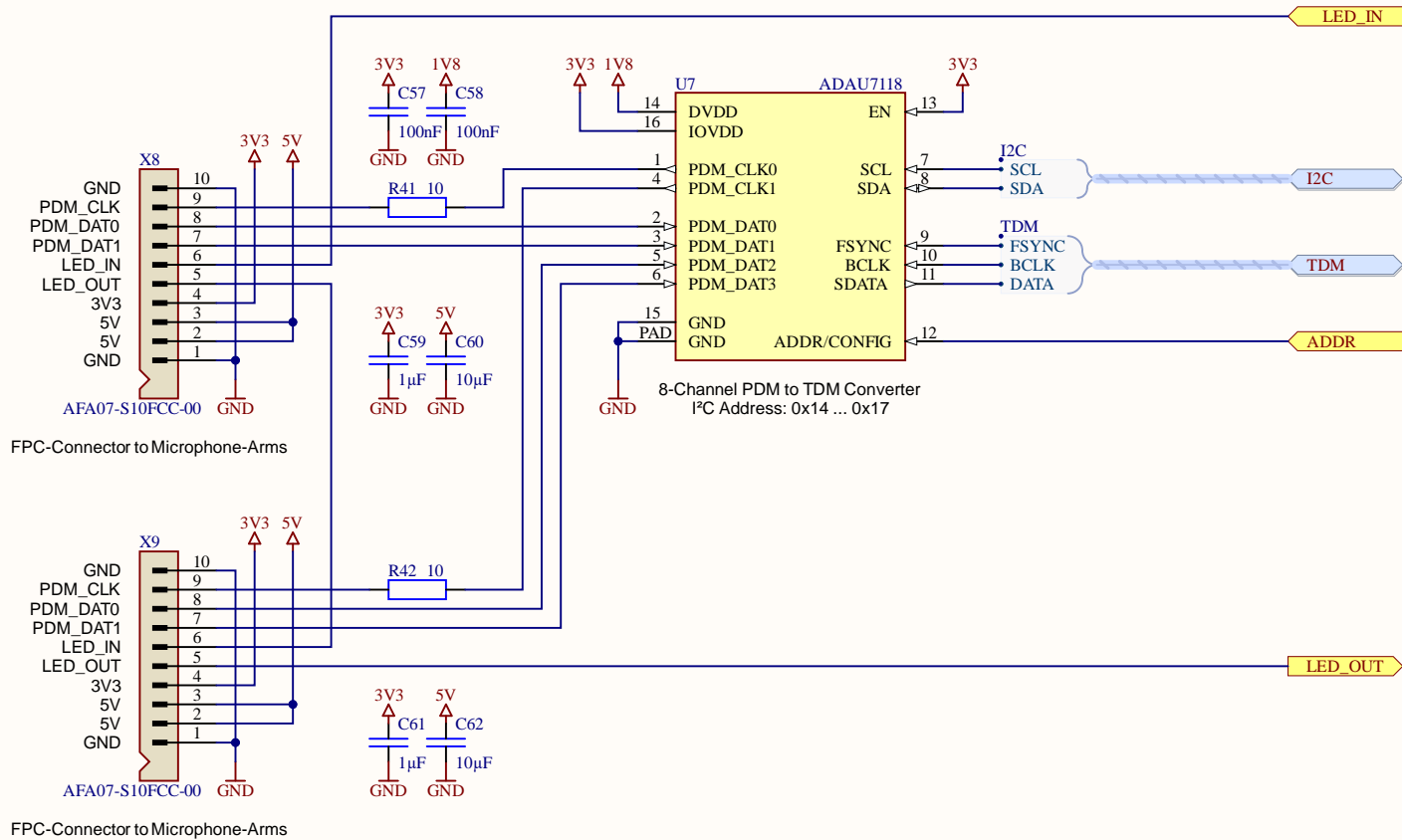


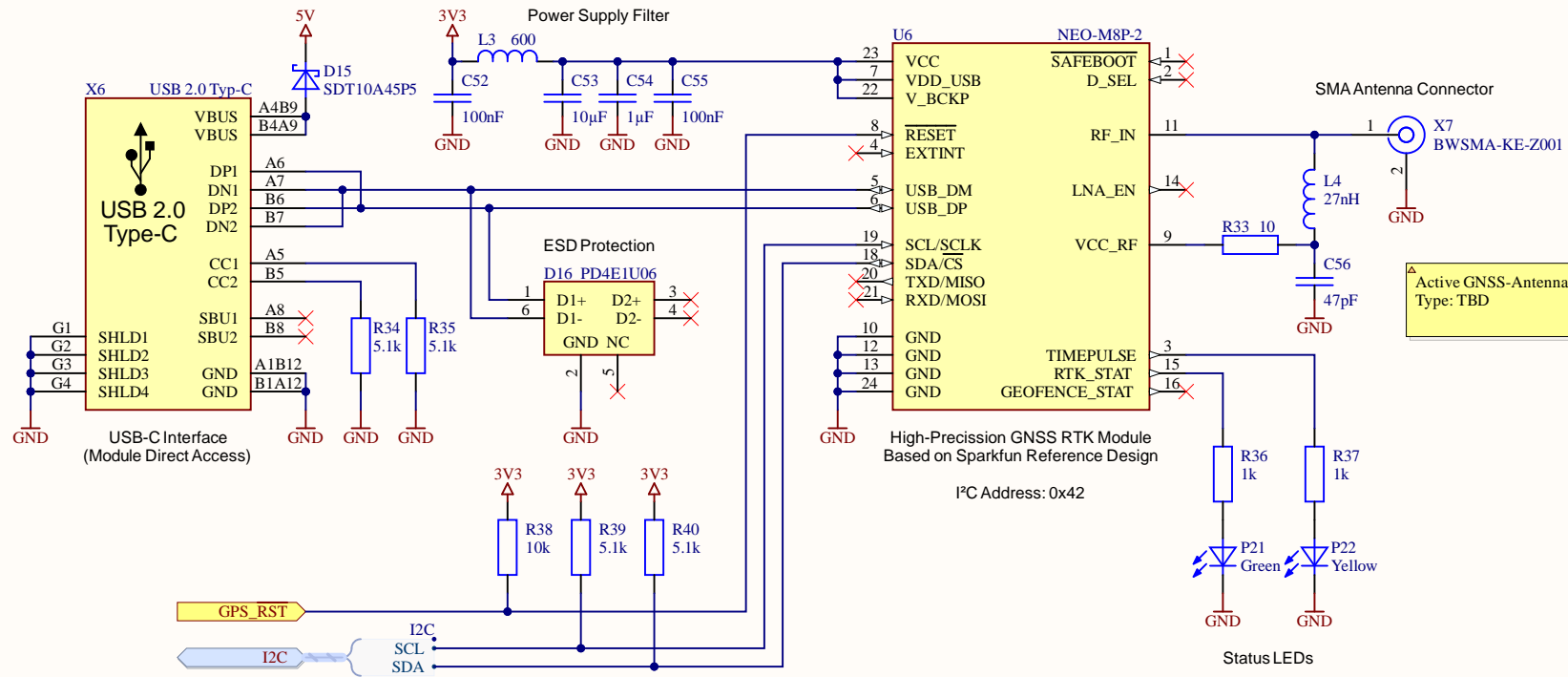
Date: **02.12.2023**

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





Active GNSS-Antenna Required
Type: TBD

Title **Mainboard**

Subtitle **GPS**

Author: *Florian Baumgartner & Alain Keller*

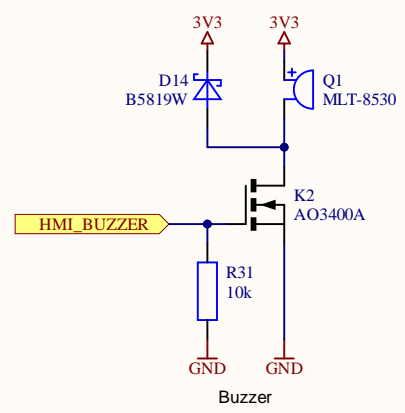
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Date: **02.12.2023**

Rev: **V1.0**

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OST Ostschweizer
Hochschule

