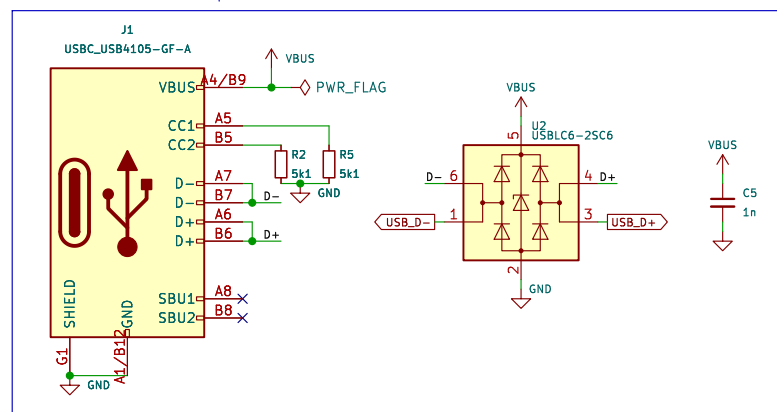
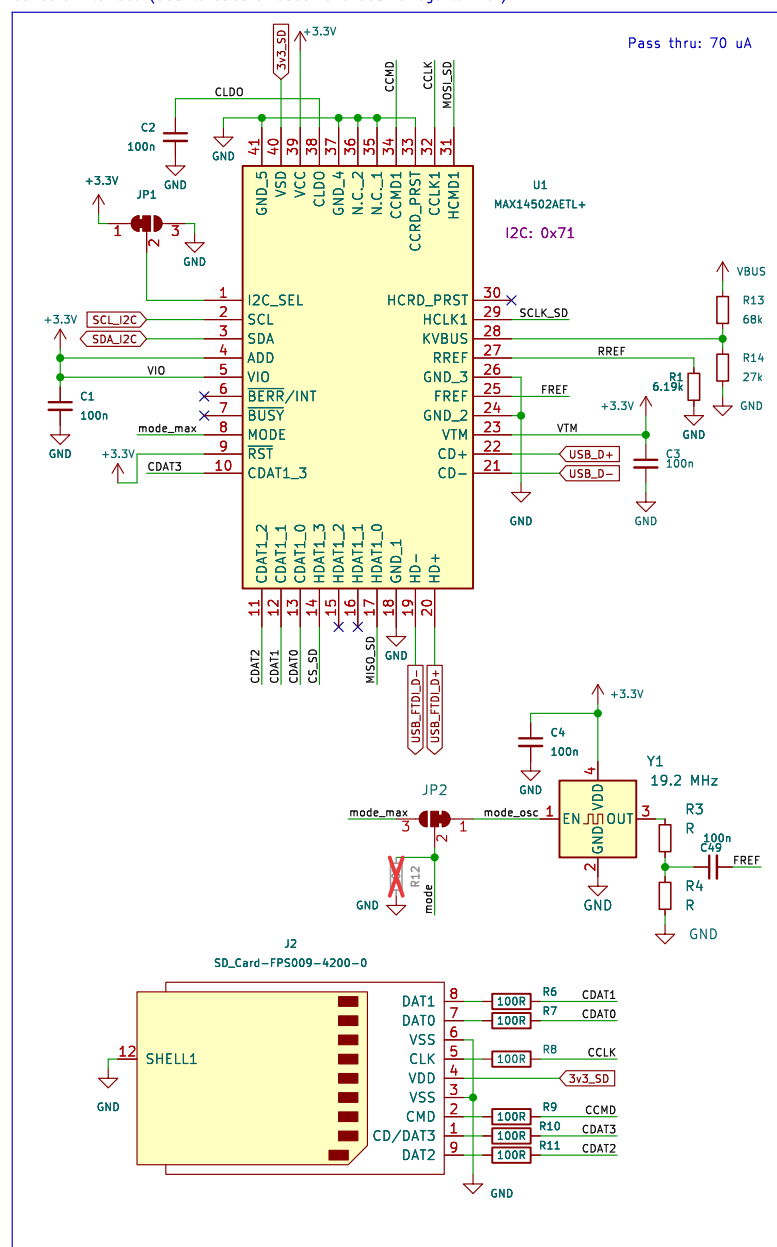


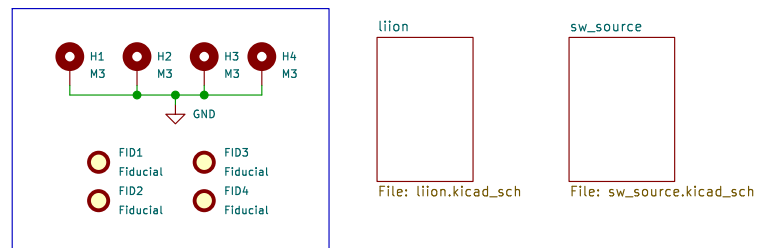
# USB-C connector and ESD protection



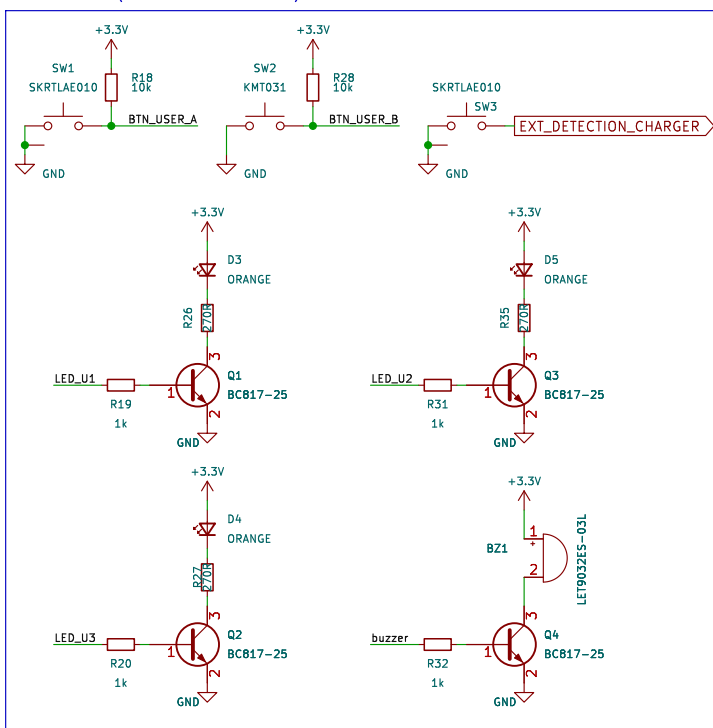
# SD card interface (USB to Sdcard reader and USB-bridge to FTDI)



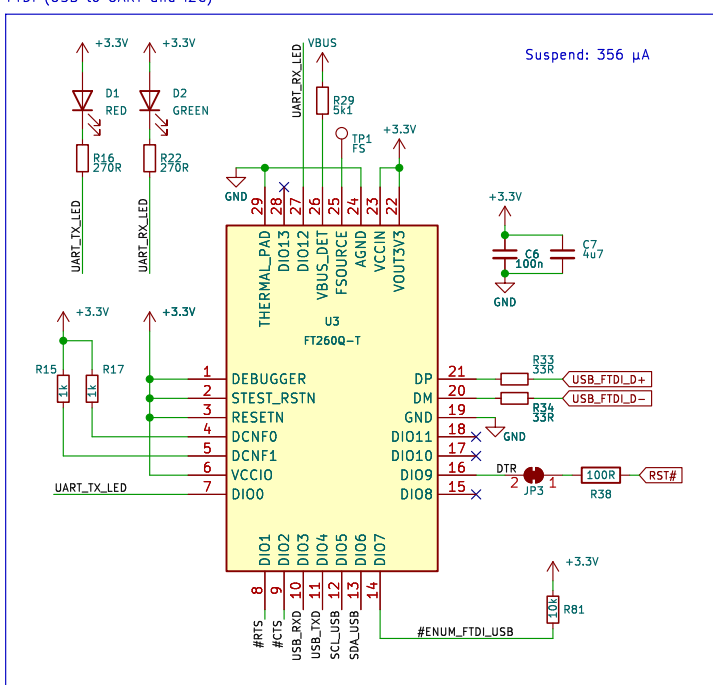
# Mechanical



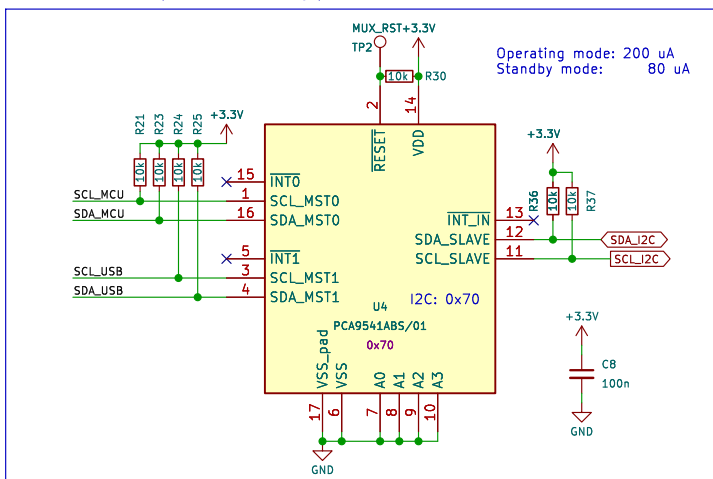
# User interface (LED indicators, Buttons)



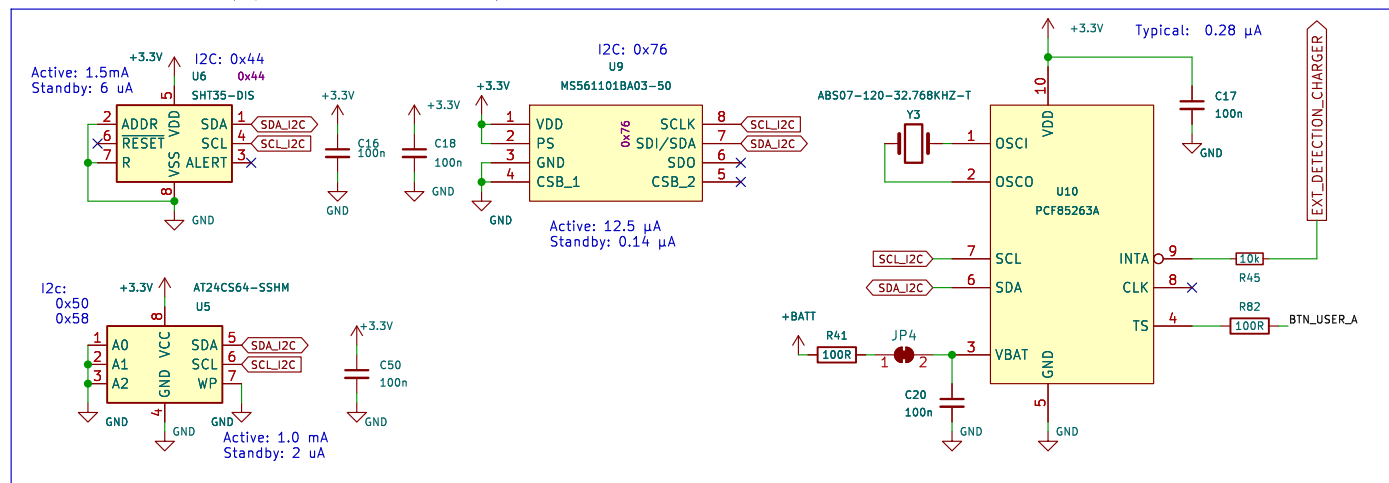
# FTDI (USB to UART and I2C)



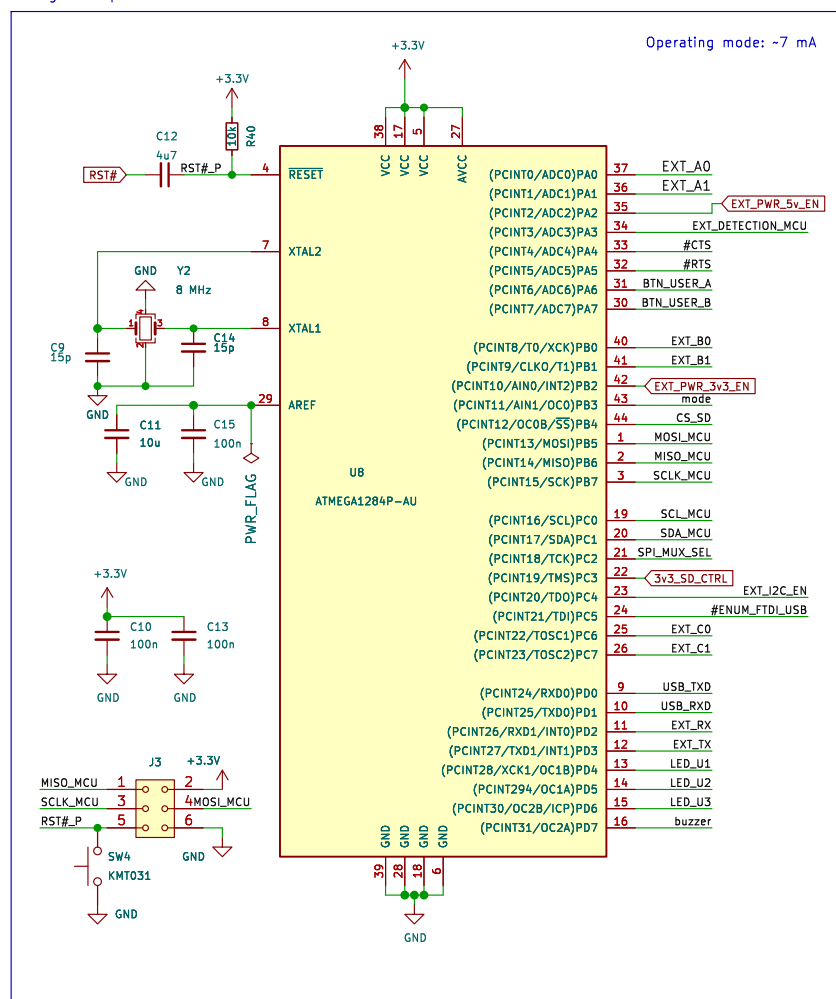
# I2C master selector (from FTDI or ATmega)



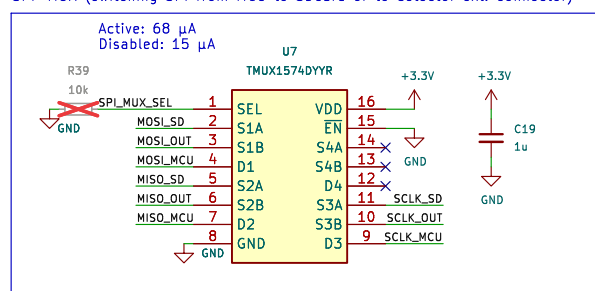
# I2C sensors and accessories (hygrometer, altimeter, eeprom, RTC)



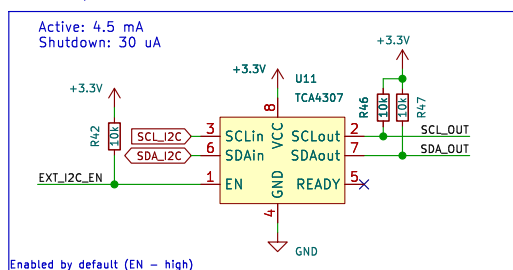
# ATmega 1284p microcontroller



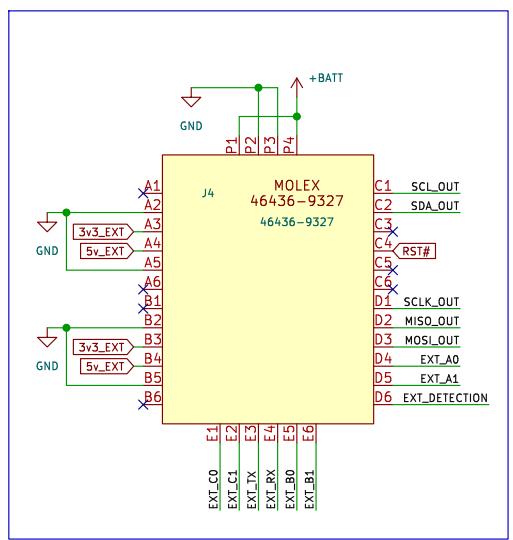
# SPI-MUX (switching SPI from MCU to Sdcard or to detector ext. connector)



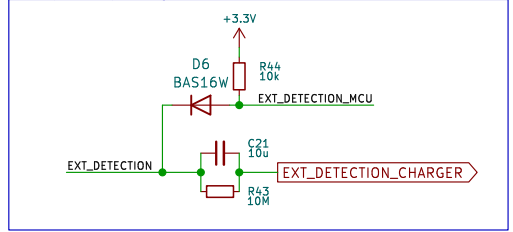
# I2C buffer, allows to unconnect external I2C



# Connector for detector board



# Auto-power up wiring



# Title: BATDATUNT101

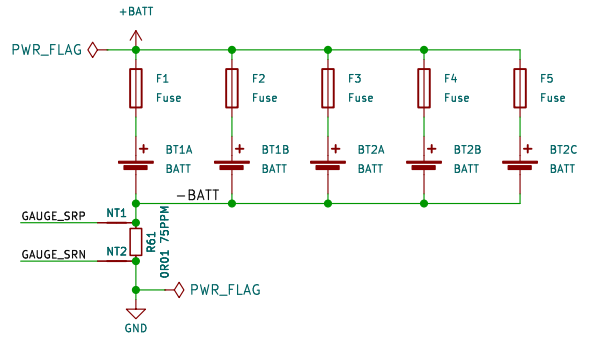
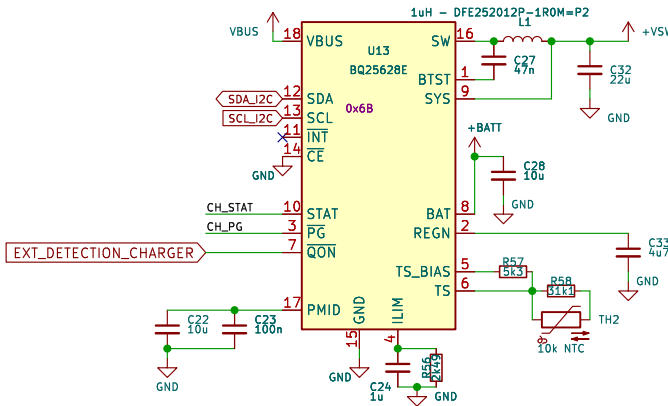
Universal battery and data storage unit.

Author: MLAB.cz, roman-dvorak

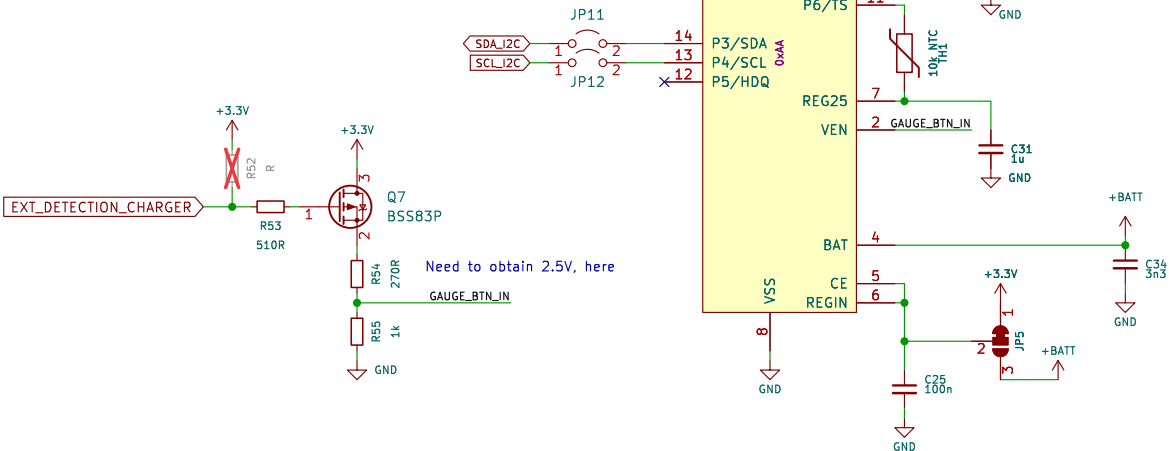
Size: A3 Page: 1/3 Date: 11-2023



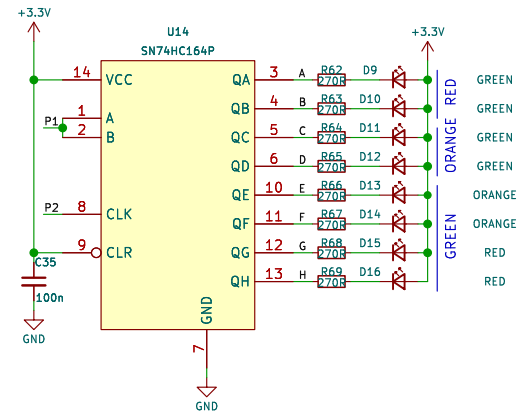
## BATTERY CHARGER



## FUEL GAUGE



## Battery Status Indicator



Doodhadnout optimální hodnoty odporů k LEDkám

**Title: BATDATUNT101**

Universal battery and data storage unit.

Author: MLAB.cz

Size: A4

Page: 2/3

Date:



