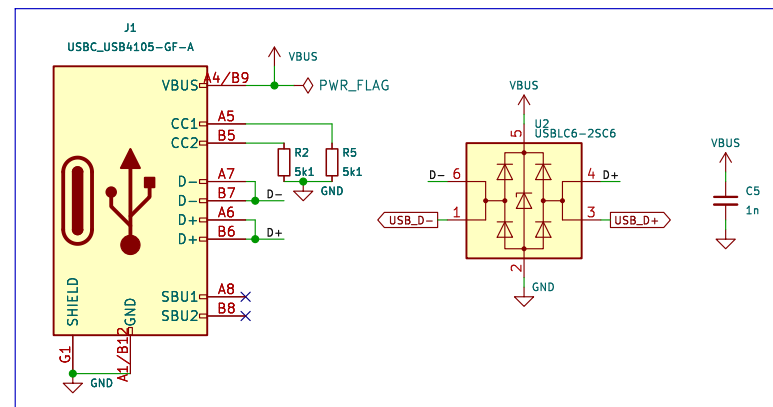
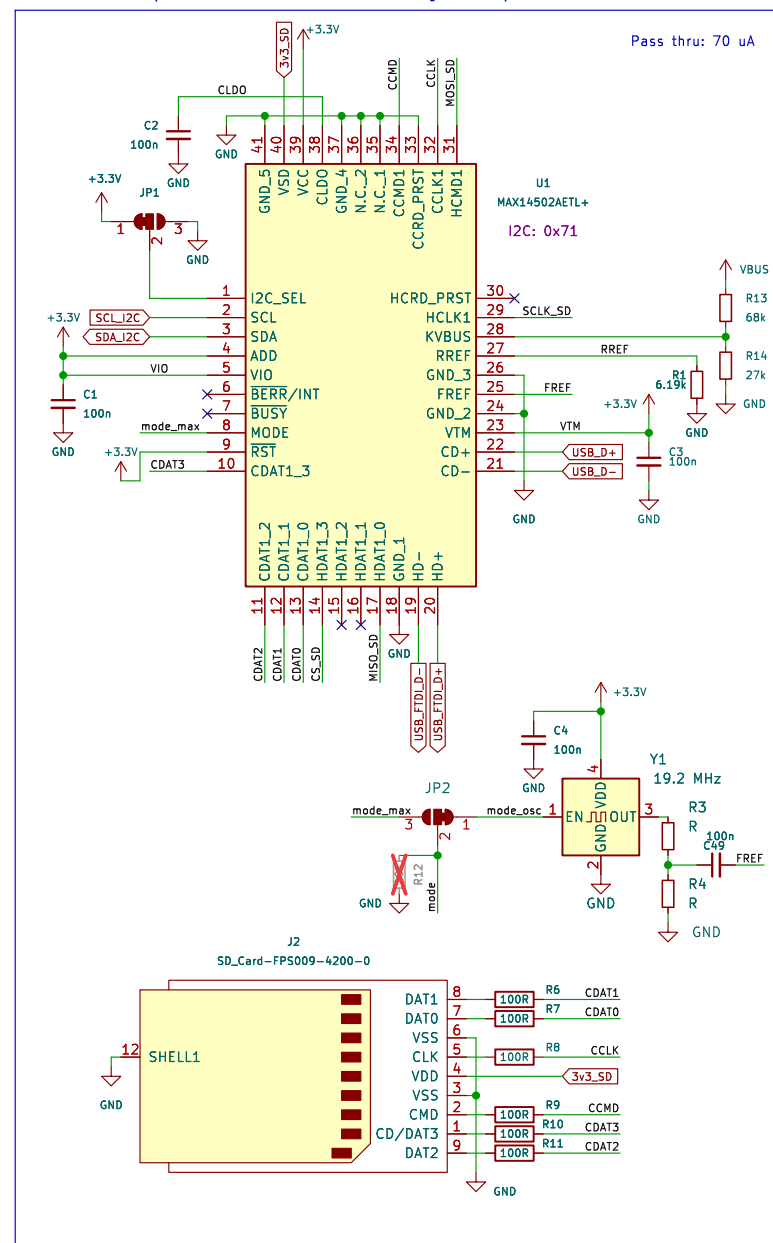


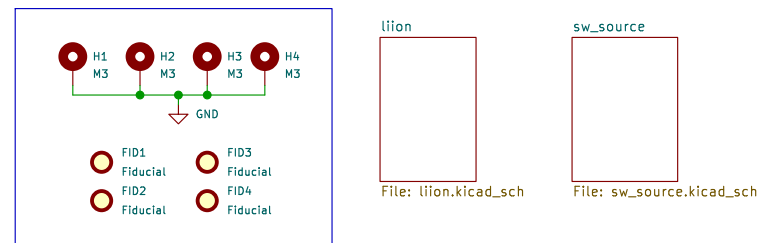
## USB-C connector and ESD protection



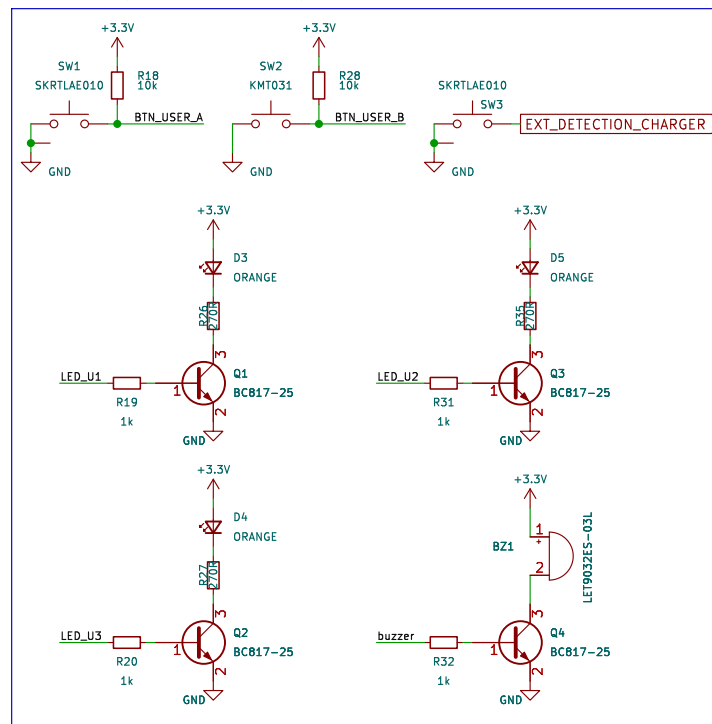
## SD card interface (USB to SDcard reader and USB-bridge to FTDI)



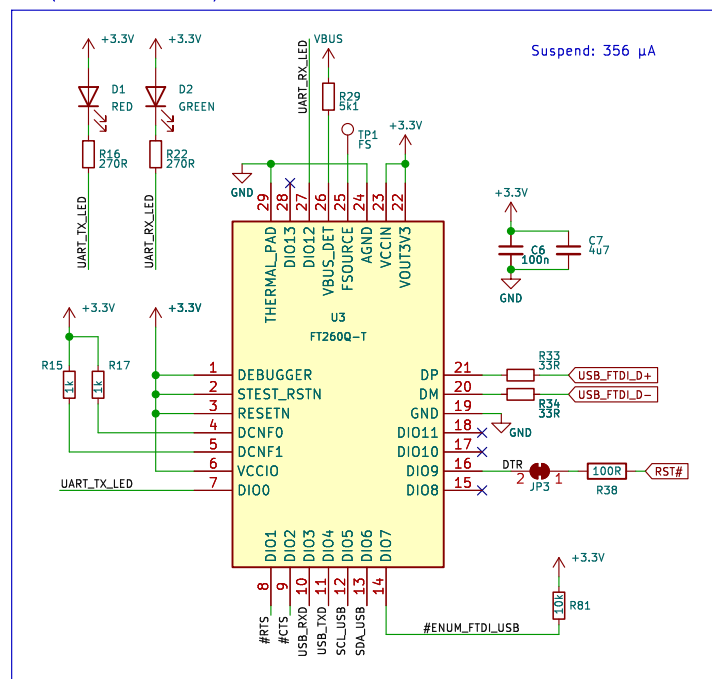
## Mechanical



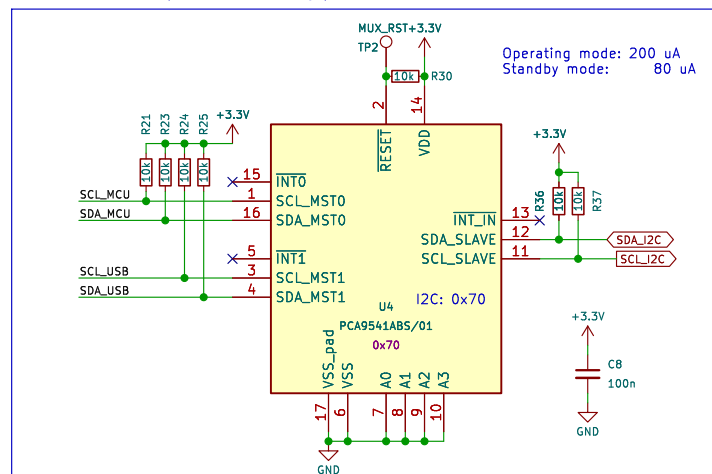
User interface (LED indicators, Buttons)



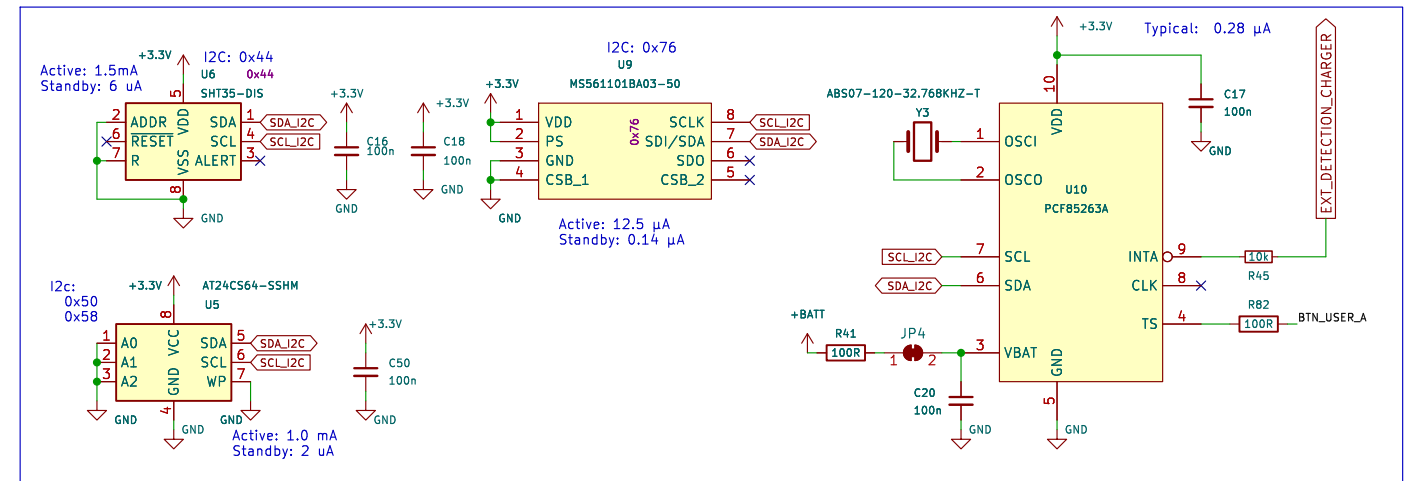
FTDI (USB to UART and I2C)



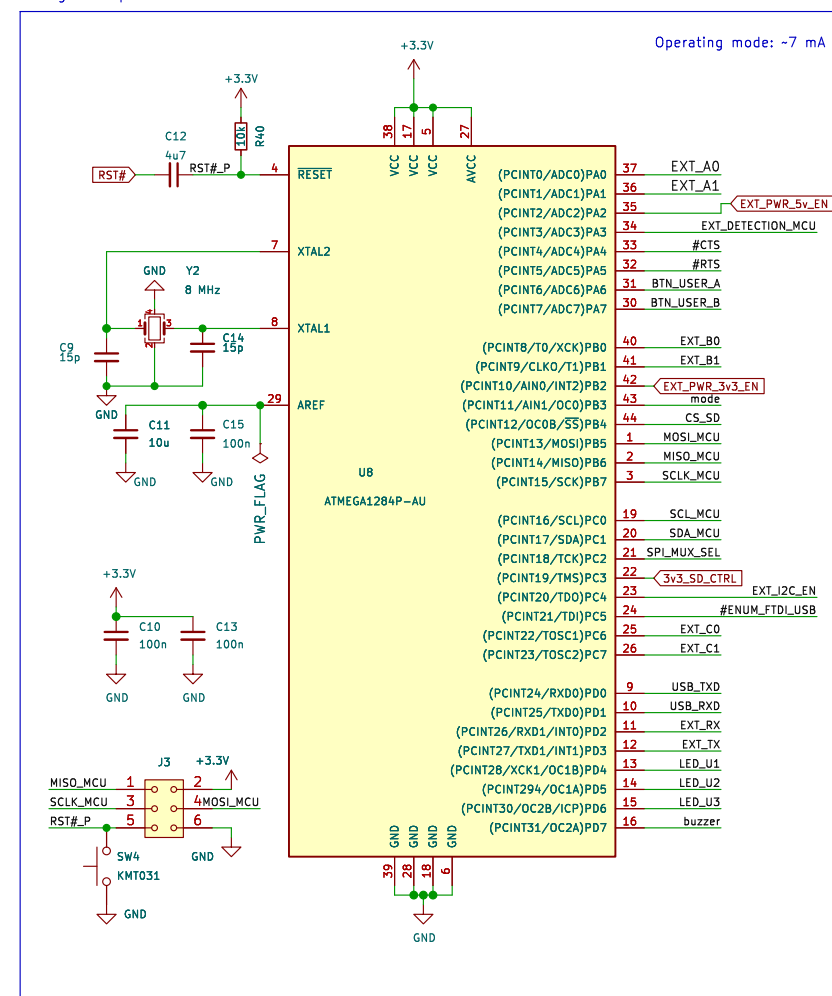
I2C master selector (from FTDI or ATmega)



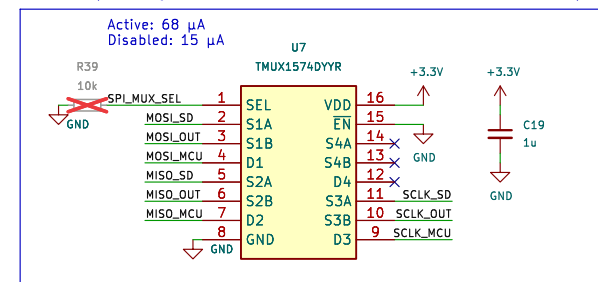
I2C sensors and accessories (hygrometer, altimeter, eeprom, RTC)



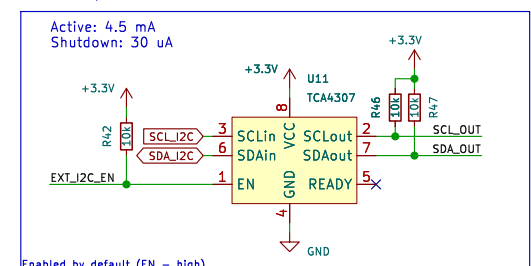
ATmega 1284p microcontroller



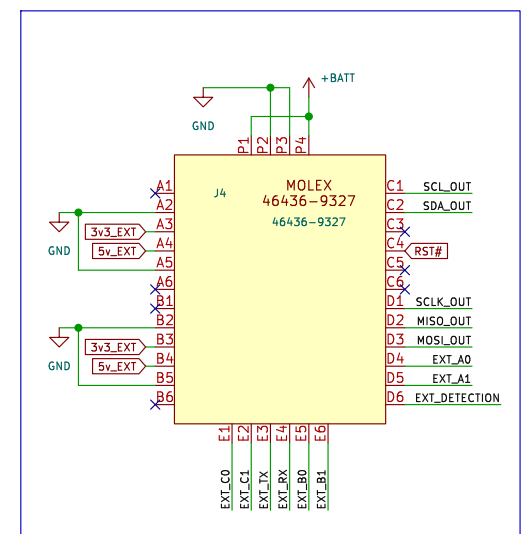
SPI-MUX (switching SPI from MCU to SDCard or to detector ext. connector)



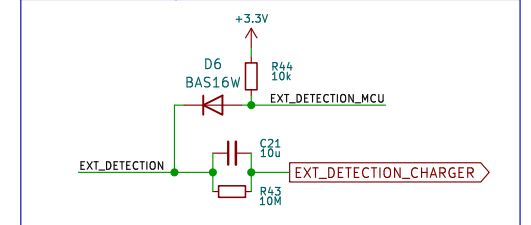
I2C buffer, allows to unconnect external I2C



Connector for detector board



### Auto-power up wiring



**Title: BATDATUNT101**

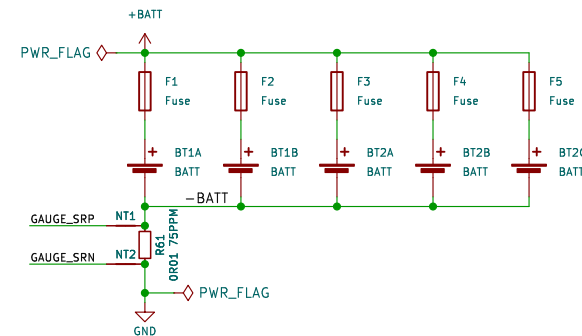
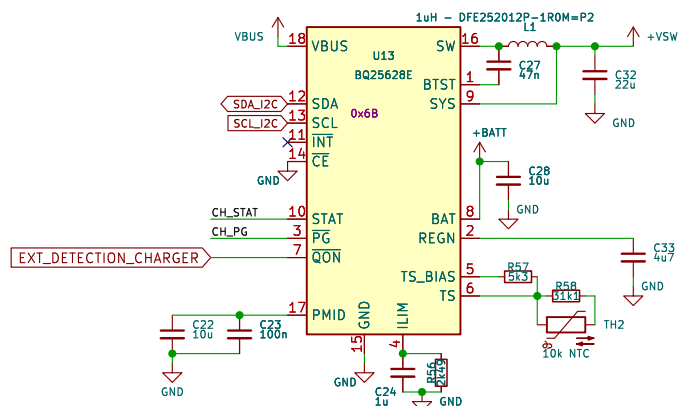
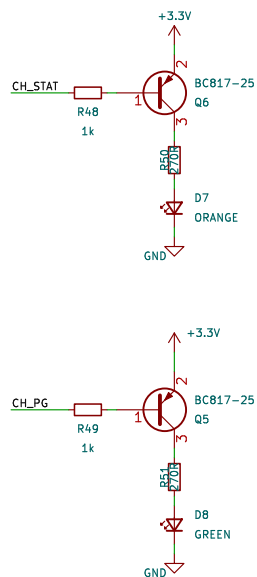
Universal battery and data storage unit.

Author: MLAB.cz, roman-dvorak

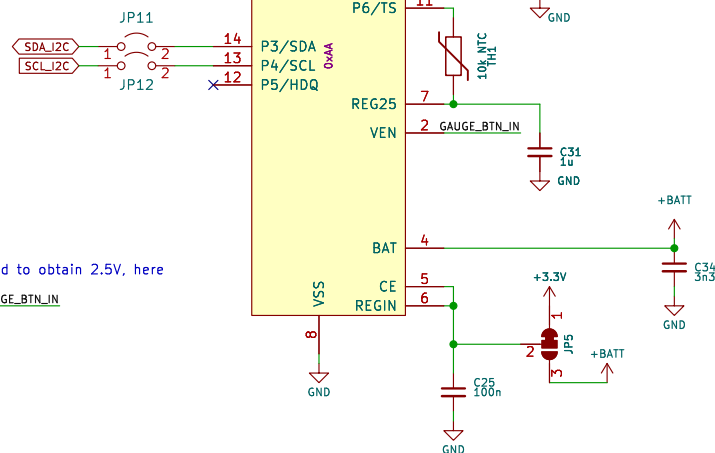
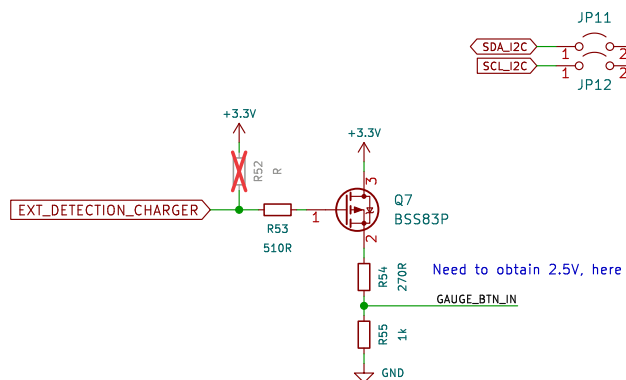
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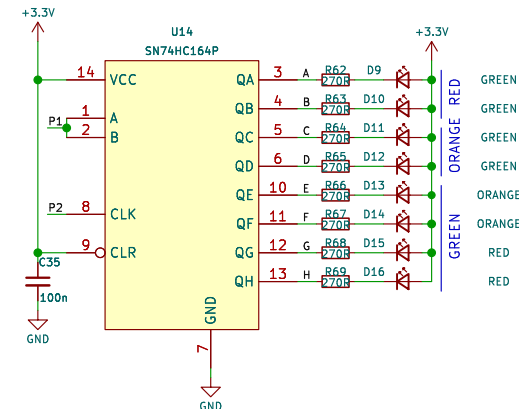
## BATTERY CHARGER



## FUEL GAUGE



## Battery Status Indicator



Doodhadnout optimální hodnoty odporů k LEDkám

Title: BATDATUNTIO1

Universal battery and data storage unit.

Author: MLAB.cz

Size: A4

Page: 2/3

Date:



