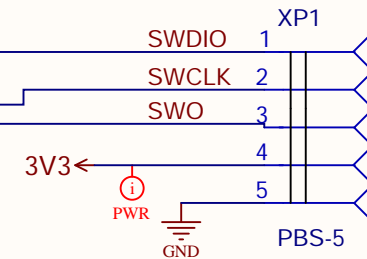
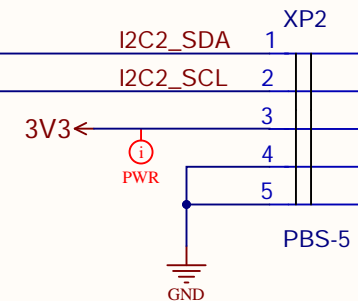


Programmer and debugger



SSD1306 OLED display  
0.96 inch, 128X64, I2C



A

B

C

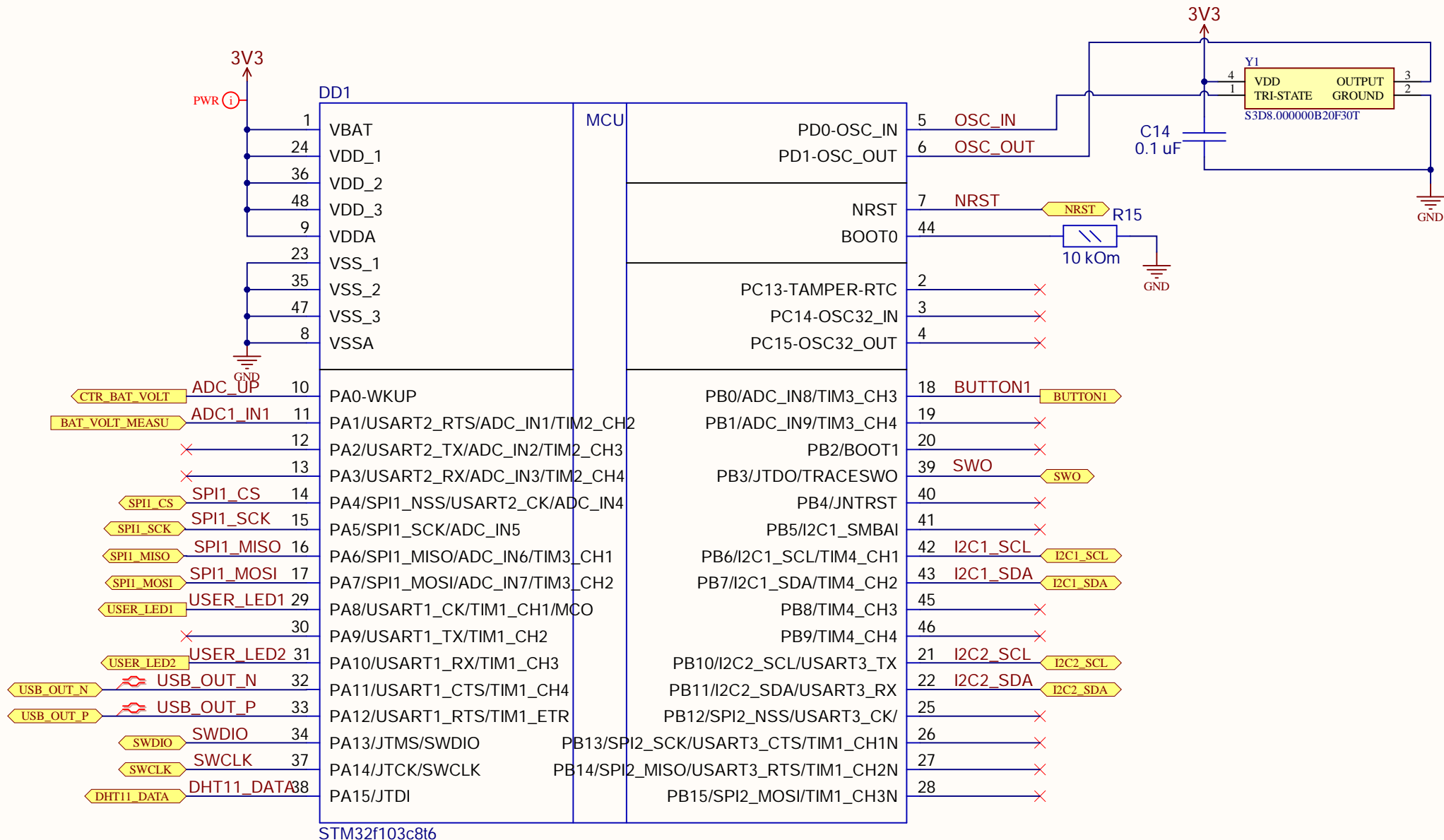
D

A

B

C

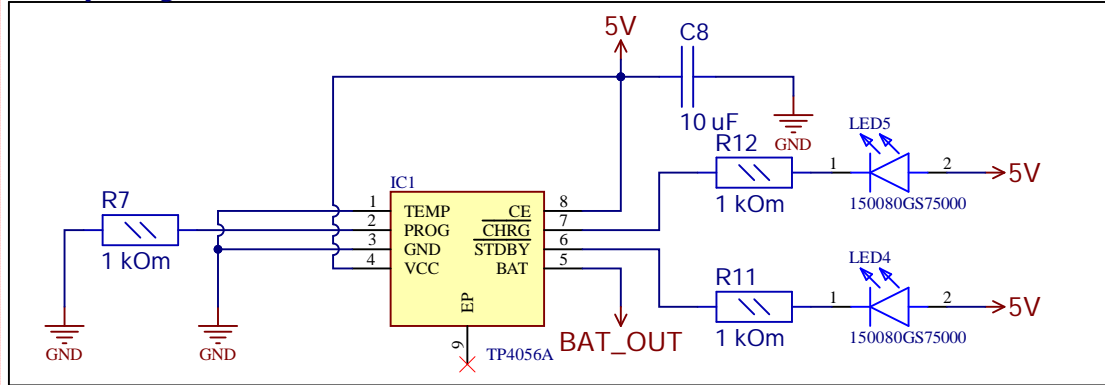
D



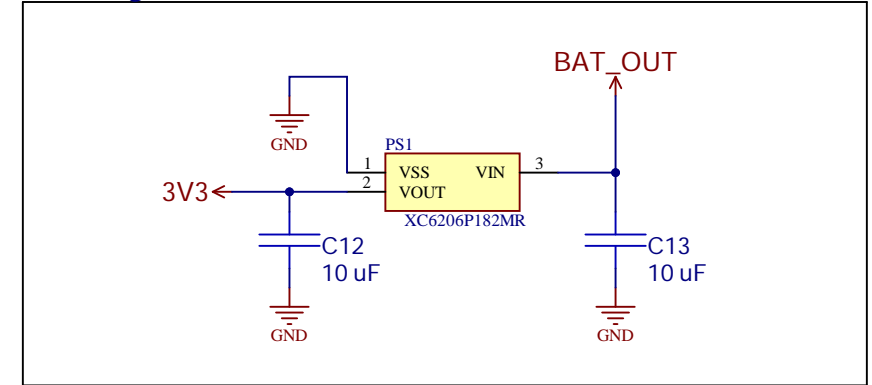
Title *		
Size: A4	Number: *	Revision: *
Date: 06.05.2022	Time: 21:05:40	Sheet * of *
File: C:\coding\projects\Terminal_Board\Altium\v2\MCU.SchDoc		



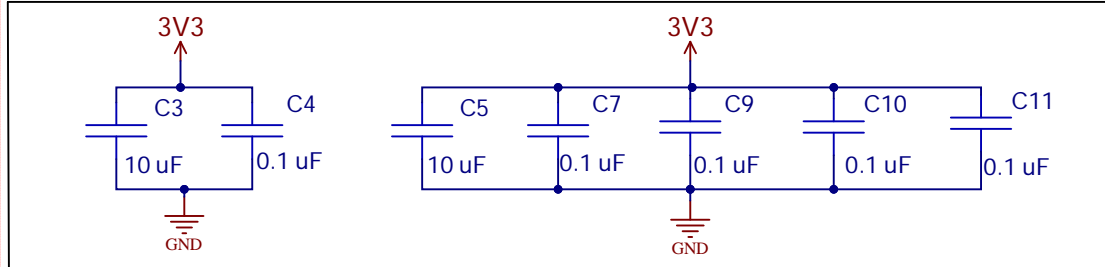
## △ Battery charge controller TP4056A



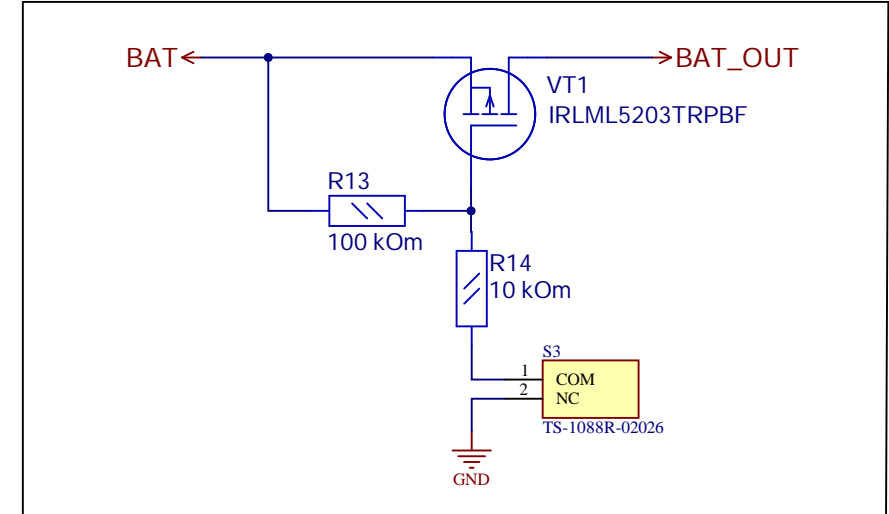
### LDO Regulator from li-ion +4.2V to +3.3V



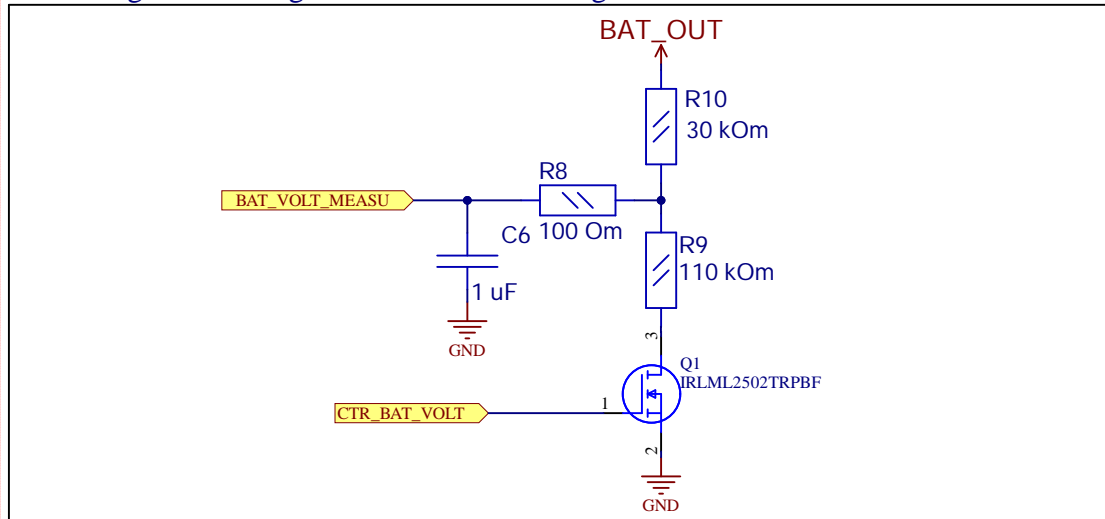
## Filter capacitors for digital and analog power supply



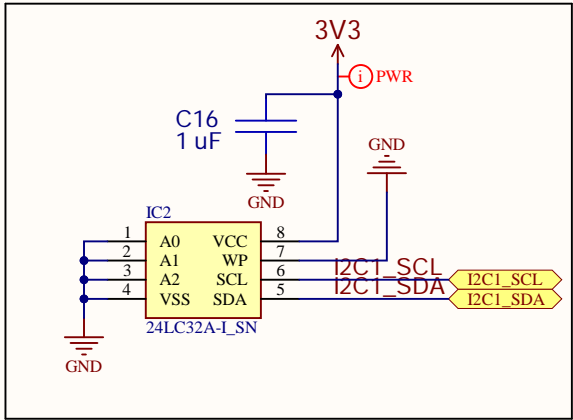
## Power ON/OFF



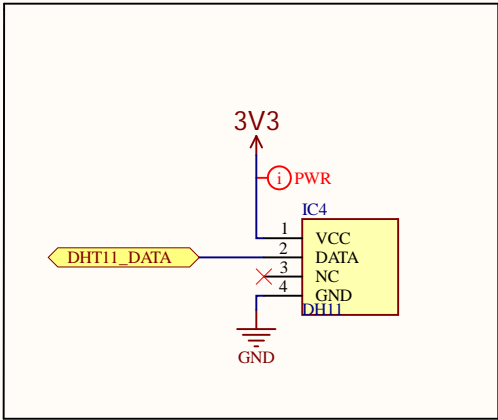
## Measuring li-ion voltage without current leakage



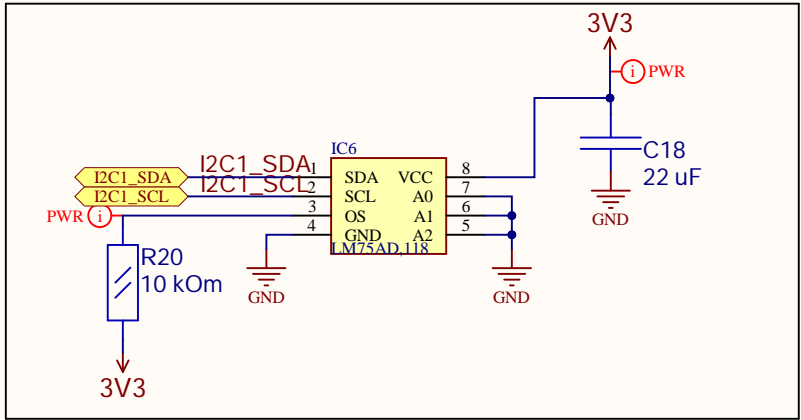
Memory chip, EEPROM, I2C, 32 Kbit



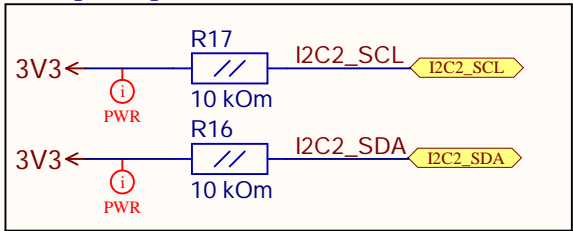
DHT11 Digital temperature, 1-Wire



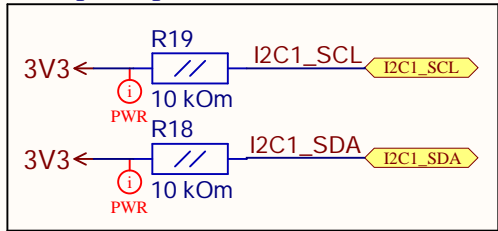
LM75AD, Digital temperature sensor, I2C



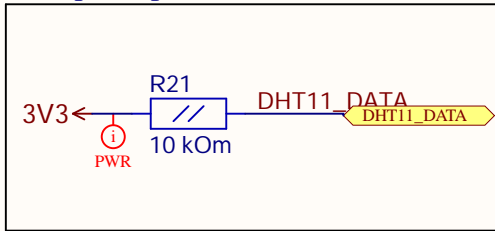
I2C2 pull-up resistors



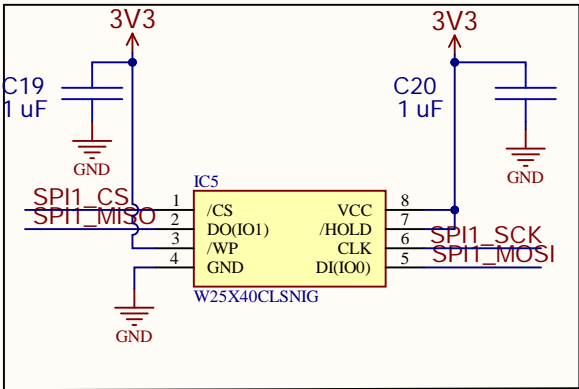
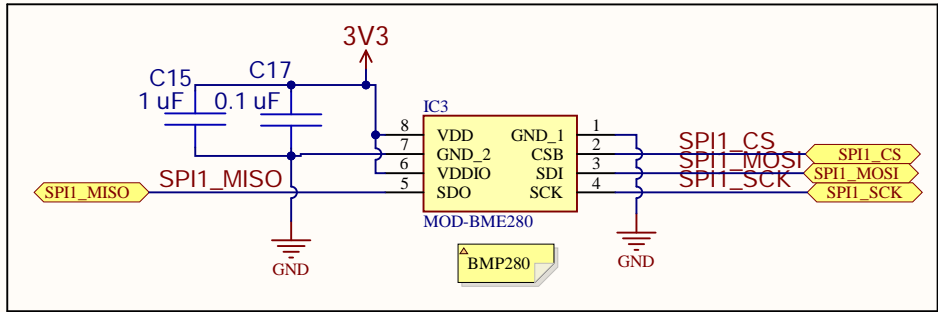
I2C1 pull-up resistors



I2C1 pull-up resistors



BMP280 sensor



USB protection

