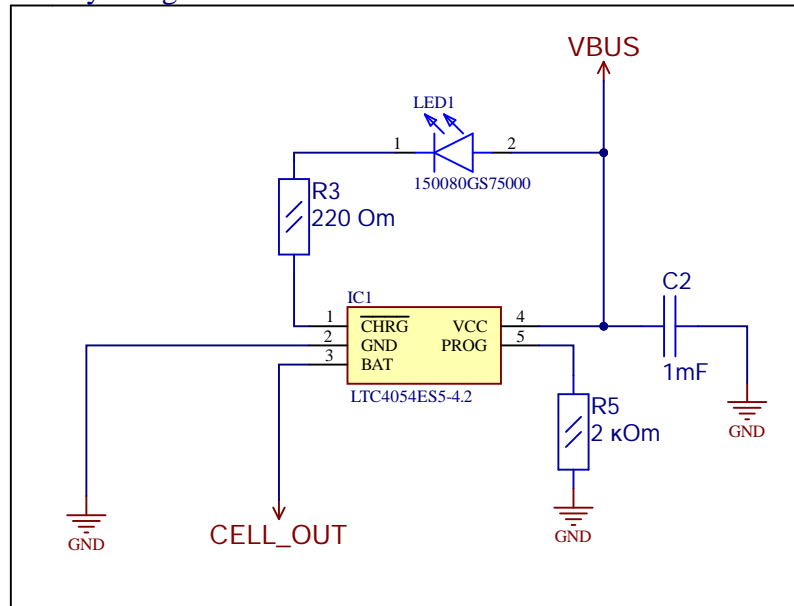
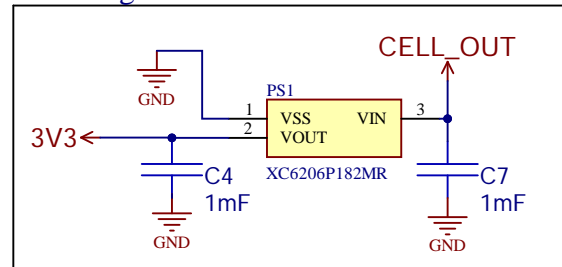


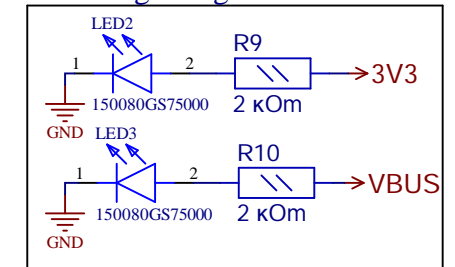
Battery charge controller



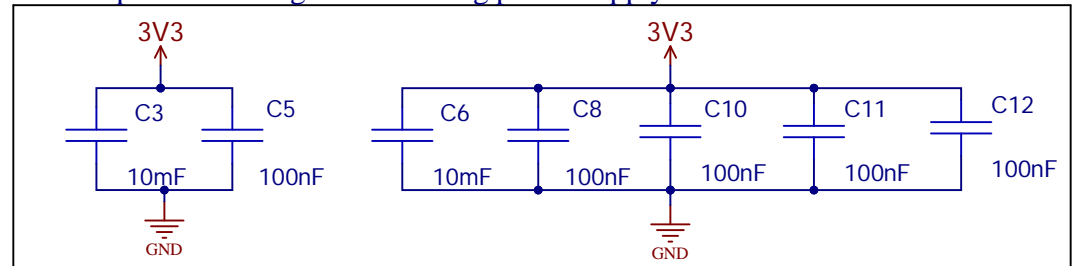
LDO Regulator from li-ion +3.7V to +3.3V



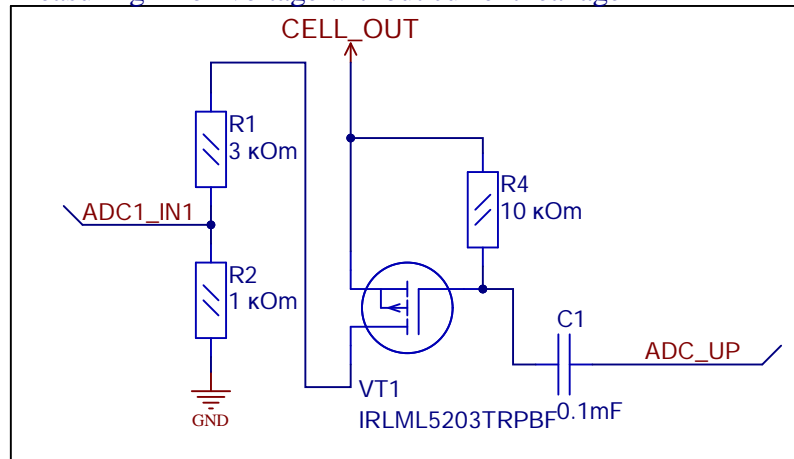
Power signaling



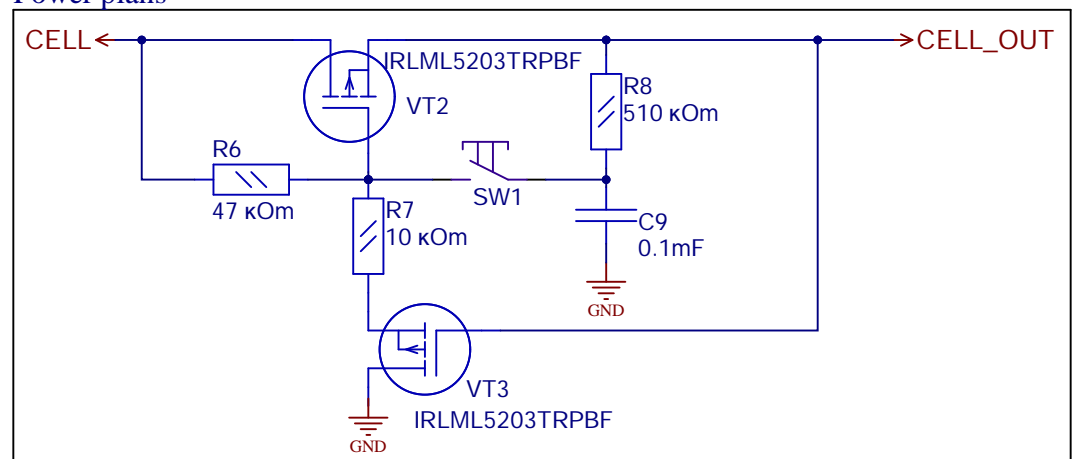
Filter capacitors for digital and analog power supply



Measuring li-ion voltage without current leakage



Power plans



PWR

Title

Size

A4

Date: 2/04/2022

File: C:\coding\...\1_Power.SchDoc

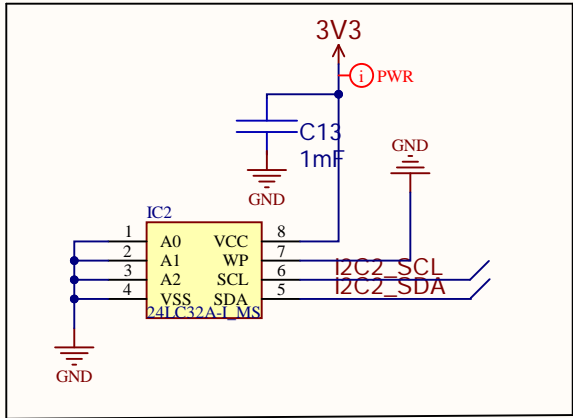
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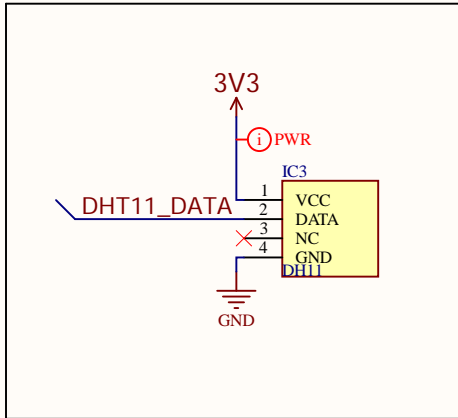
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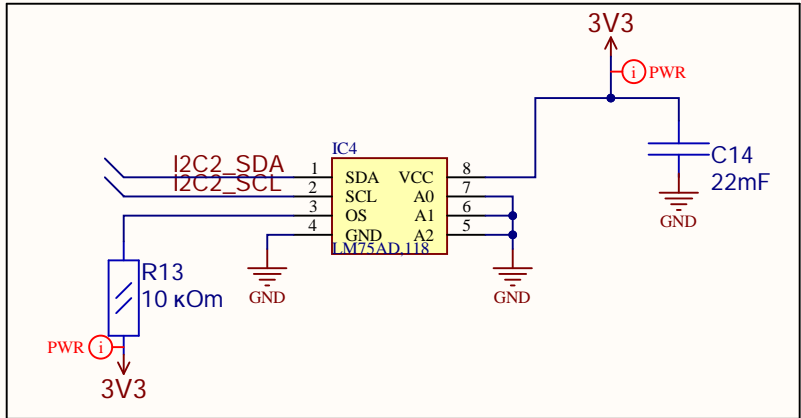
Memory chip, EEPROM, I2C, 32 Kbit



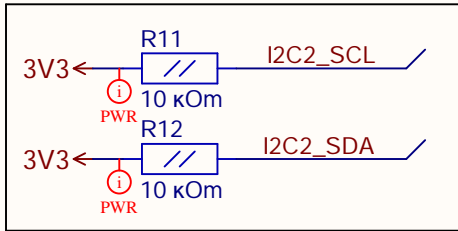
DHT11 Digital temperature, 1-Wire



LM75AD, Digital temperature sensor, I2C

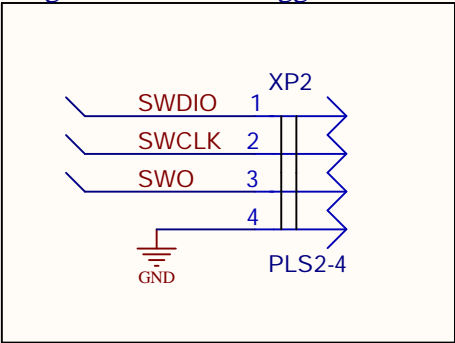


I2C pull-up resistors

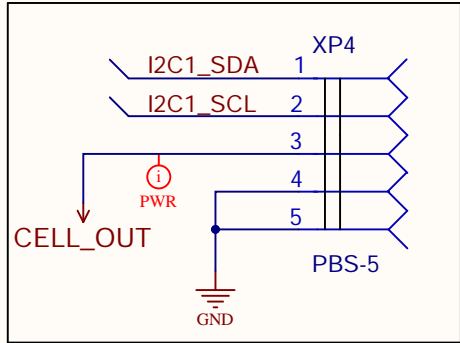


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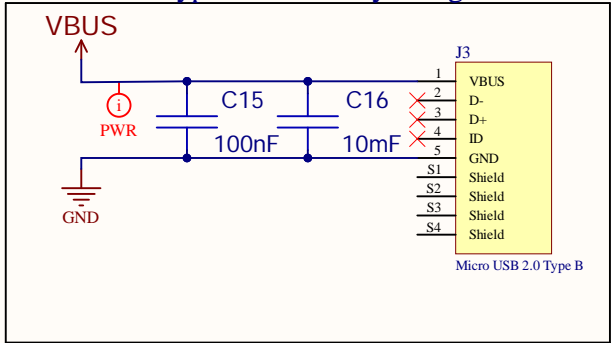
Programmer and debugger



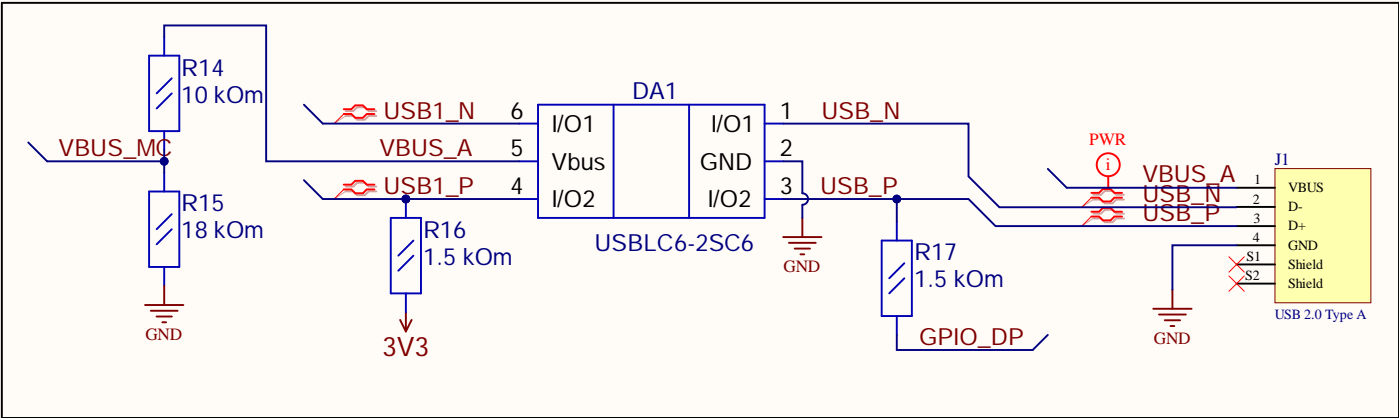
SSD1306 OLED display
0.96 inch, 128X64, I2C



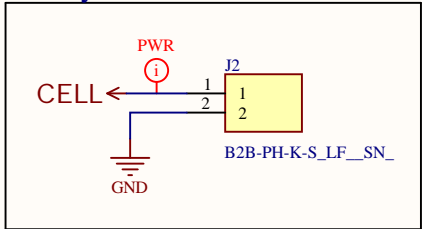
Micro USB Type B for battery charge



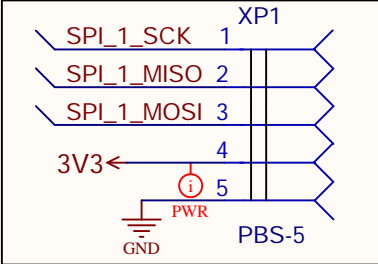
USB Type A as a device with protection of the USB interface from electrostatic discharges



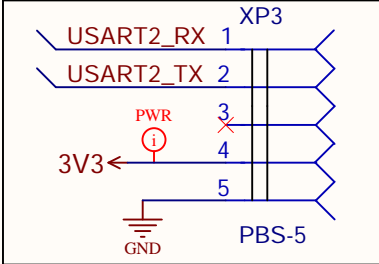
Battery connector



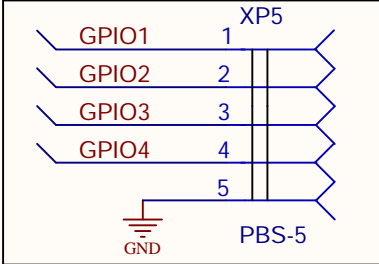
SPI_1 Connector



USART2 Connector

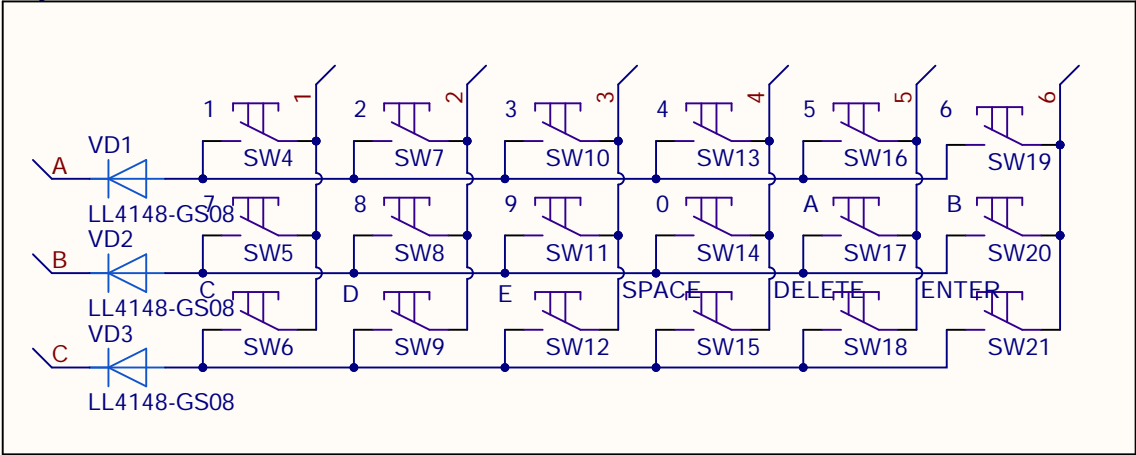


GPIO Connectors



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Keyboard 4x5



Title		
Size	Number	Revision
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