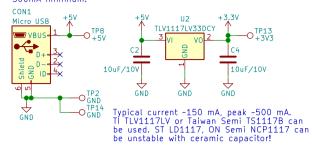
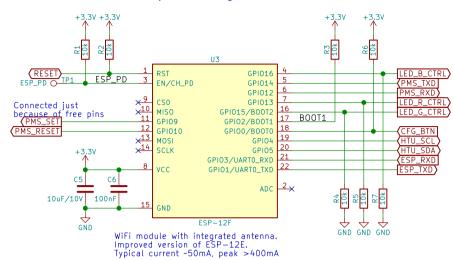
Power supply

Default power supply input — micro USB charger. 500mA minimum.

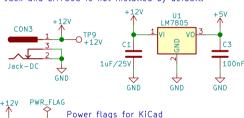


WiFi/processing module



Optional power supply input

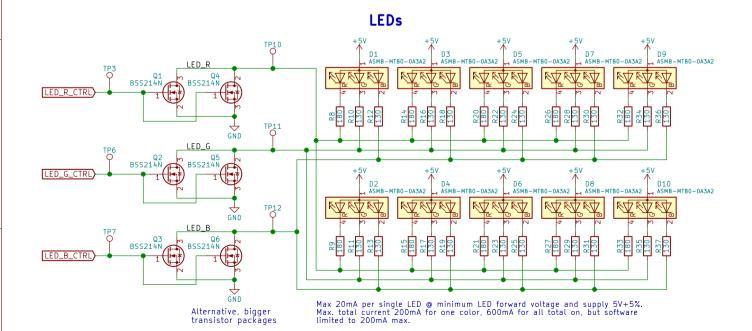
Optional power supply input — 2.1x5.5 DC barrel jack. Jack and LM7805 is not installed by default.



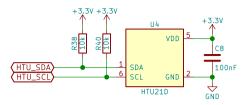
Programming connector



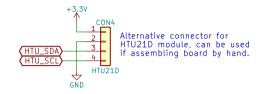
Programming connector — UART to USB adapter. To enter programming mode, hold CFG button and press RESET buton.



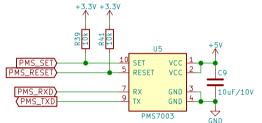
Humidity and temperature sensor



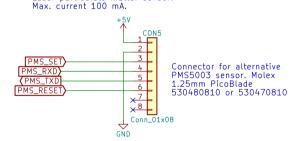
HTU21D, HDC1080, Si7020 can be used. According to datasheet , central pad should be left floating. Current consumption negligible.



Particulate matter sensor



Laser particulate matter sensor.



Buttons

