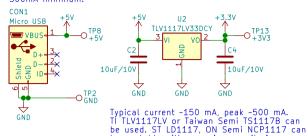
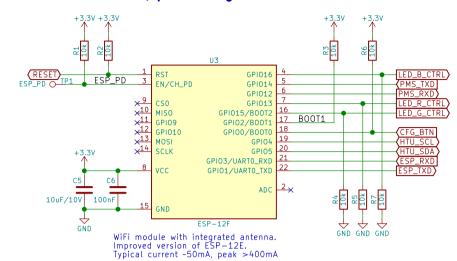
Power supply

Default power supply input — micro USB charger.



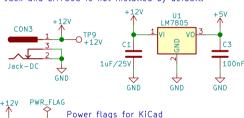
be unstable with ceramic capacitor!

WiFi/processing module

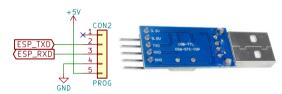


Optional power supply input

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



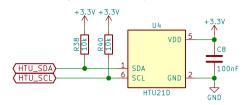
Programming connector



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

LED.s TP10 TP3 B55214N B55

Humidity and temperature sensor

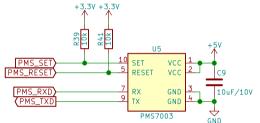


HTU21D, HDC1080, Si7020 can be used. According to datasheet , central pad should be left floating. Current consumption negligible.

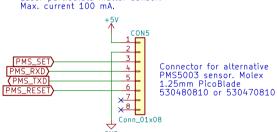


Alternative connector for HTU21D module, can be used if assembling board by hand.

Particulate matter sensor



Laser particulate matter sensor.



Buttons

