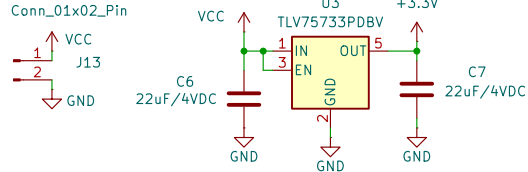
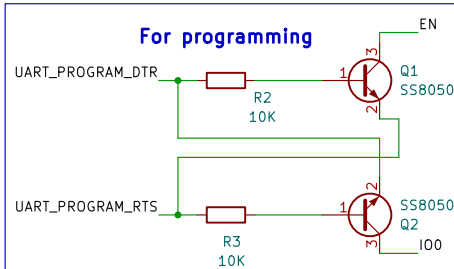


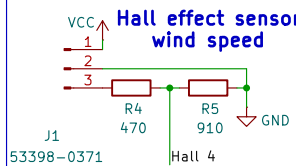
Power Supply – Vcc : 5 V



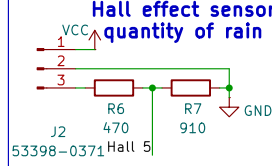
For programming



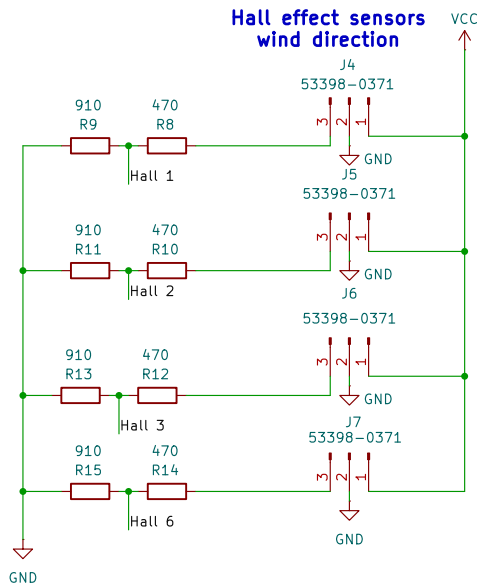
Hall effect sensor wind speed



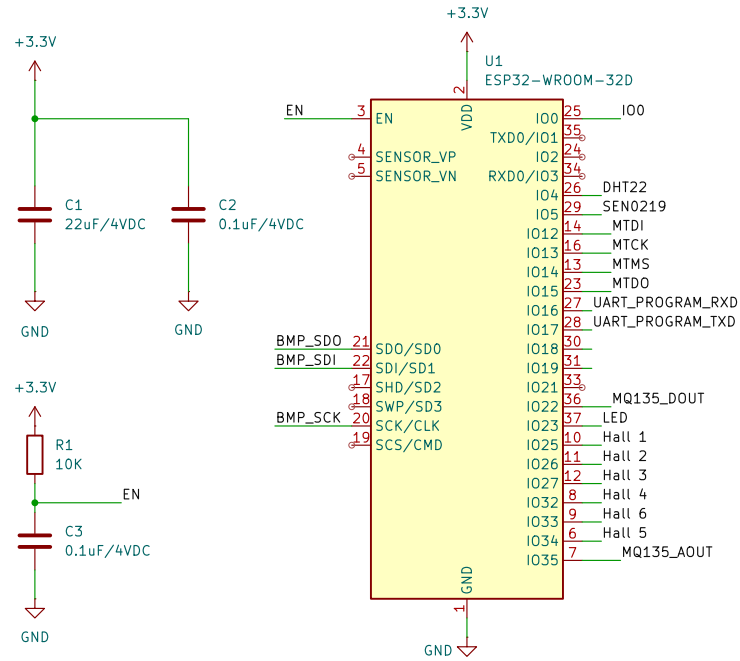
Hall effect sensor quantity of rain



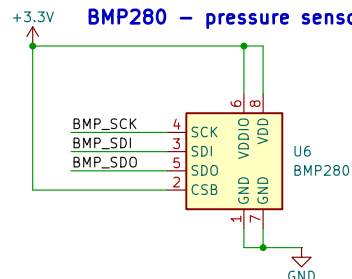
Hall effect sensors wind direction



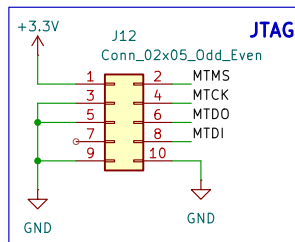
ESP32 – Module



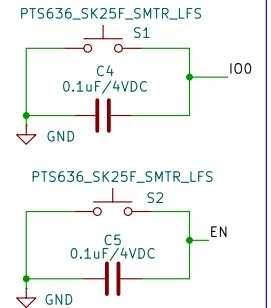
BMP280 – pressure sensor



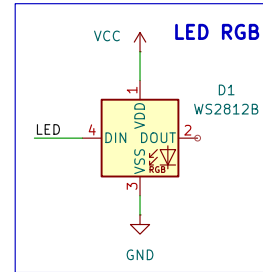
JTAG



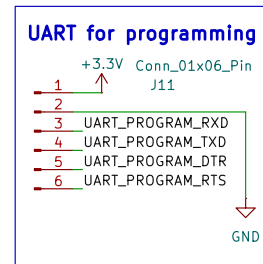
Buttons for RESET and programming



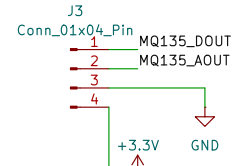
LED RGB



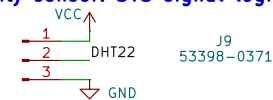
UART for programming



MQ135(Waveshare module) Air quality sensor

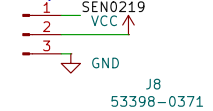


DHT22 – Temperature and humidity sensor: 3V3 signal logic



INFRARED CO2 sensor SEN0219

Output: 0.4 – 2 V



Designer: Valentyn Anatoliev

KN ONYKS

Sheet: /

File: onyks-iot-monitor-weather-pcb.kicad_sch

Title: Weather Monitor

Size: A4

Date:

KiCad E.D.A. 8.0.6

Rev: v1.0

Id: 1/2