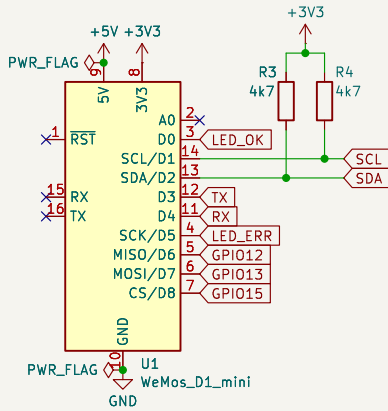
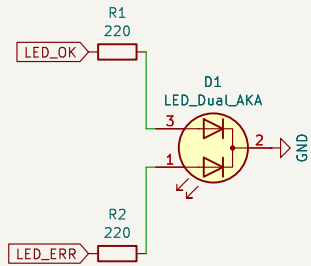


ESP8266 microcontroller

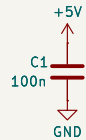
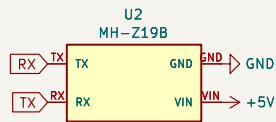
ESP8266 connections

- * GPIO4 BME280 (I2C SDA)
- * GPIO5 BME280 (I2C SCL)
- * GPIO0 MH-Z19 (UART TX)
- * GPIO2 MH-Z19 (UART RX)
- * GPIO14 LED red
- * GPIO16 LED green
- * GPIO12 Extension
- * GPIO13 Extension
- * GPIO15 Extension

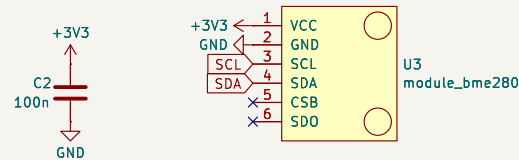
LED indication



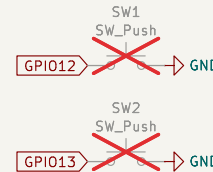
CO2 sensor



Temperature + humidity + pressure sensor



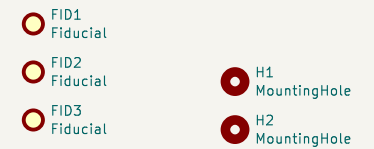
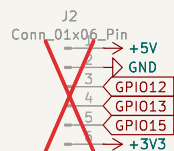
Buttons



Display connectors



Extension connector



Djuka - DIY Audio

Sheet: /
File: IndoorSensor.kicad_sch

Title: Indoor sensor

Size: A4 Date: 2026-03-01

KiCad E.D.A. 9.0.0

Rev: 3

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