

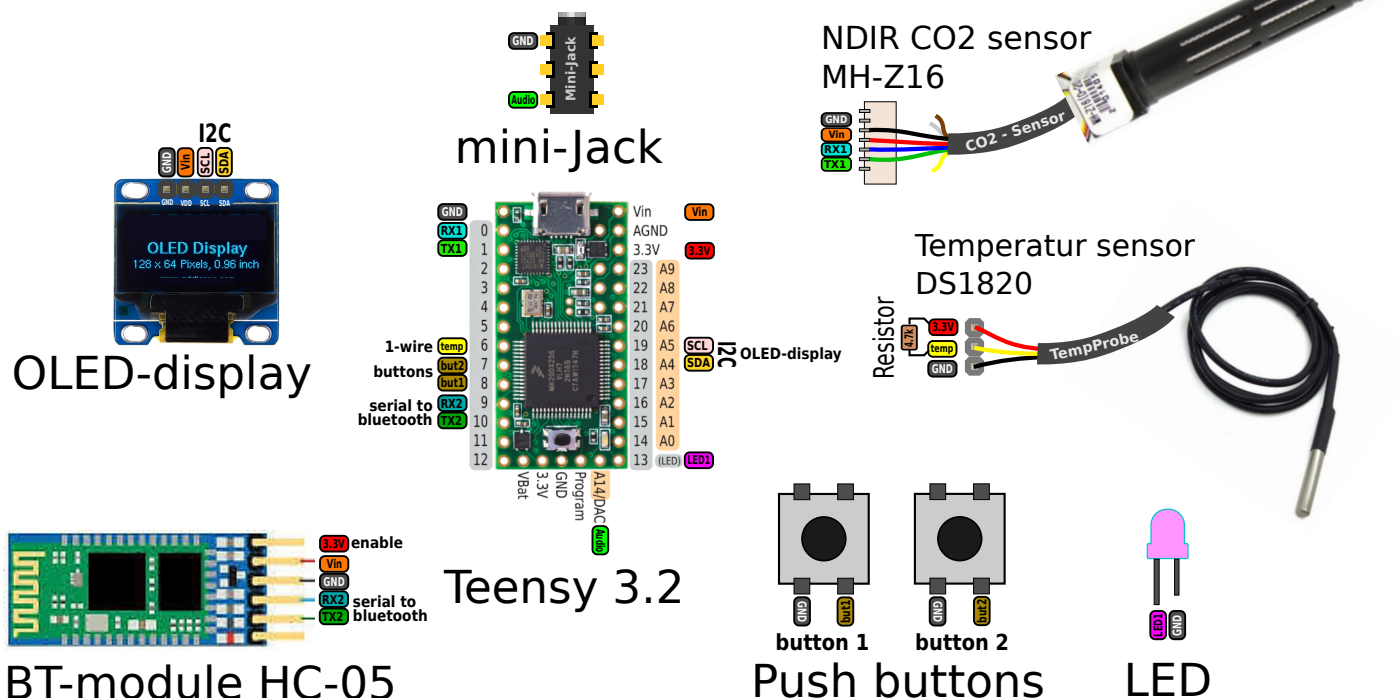
# CO2 - BambooBox

(Formerly known as KiljuBox)

Version 0.2



## Wiring Schema for Soil Respiration SensorBox



### Push buttons

Pin 8: Button 1  
Pin 7: Button 2  
GND

### OLED-display

Pin 18: I2C SDA  
Pin 19: I2C SCL  
GND, Vin

### CO2 MH-Z16

Pin 9: serial RX2  
Pin 10: serial TX2  
GND, Vin

### LEDs

Pin 13: LED 1  
(Pin xx: LED 2)  
(Pin yy: LED 3)  
GND

### BT-module

Pin 0: serial RX1  
Pin 1: serial TX1  
GND, Vin, enable

### Audio Jack

Pin A14/DAC: Audio  
GND

### Temp DS1820

Pin 6: 1-wire  
GND, 3.3V  
Add pull-up 4.7k resistor

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