

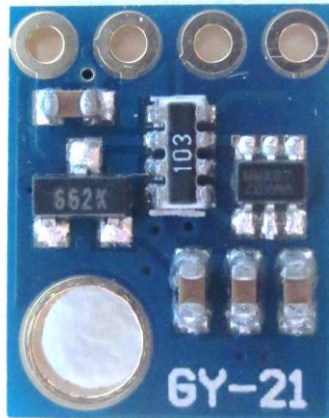
Assembly Smart-ClimaSens



List of components



Case



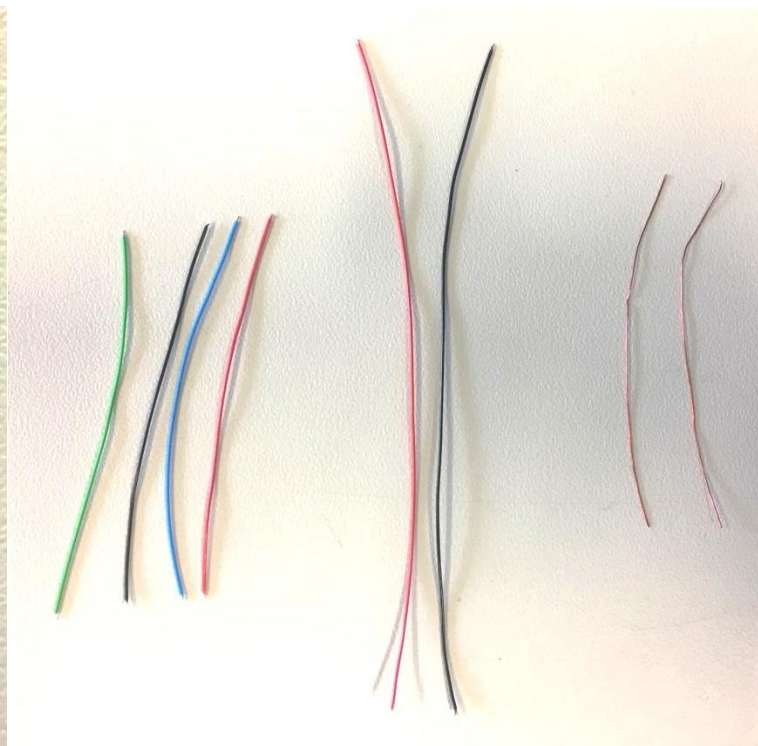
Sensor (Si7021)



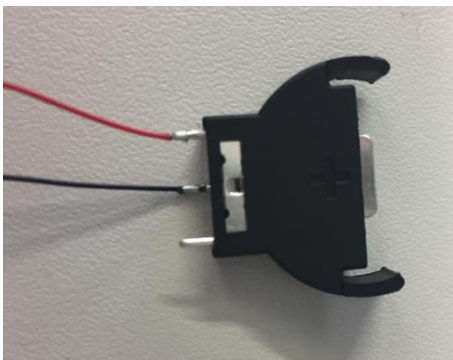
BLE-Module



10nF (0805), LED (3mm)



Wires

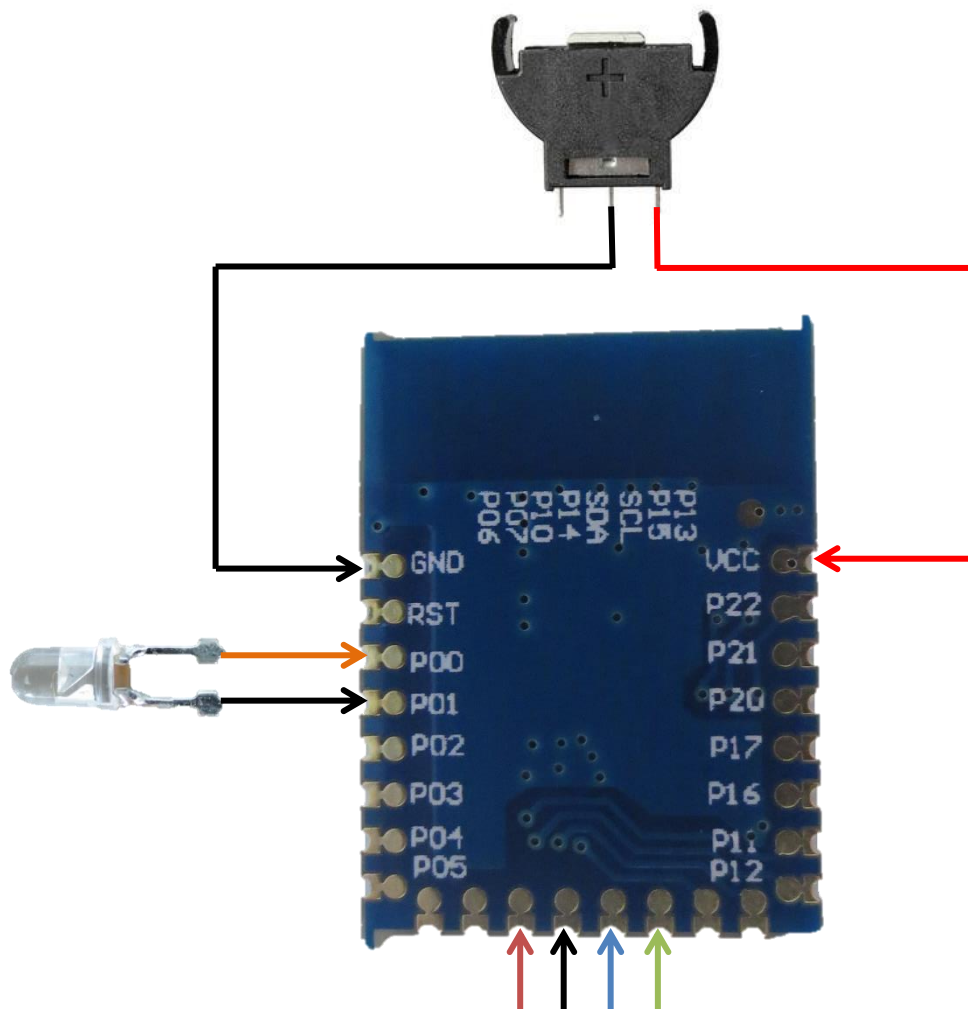


Battery holder

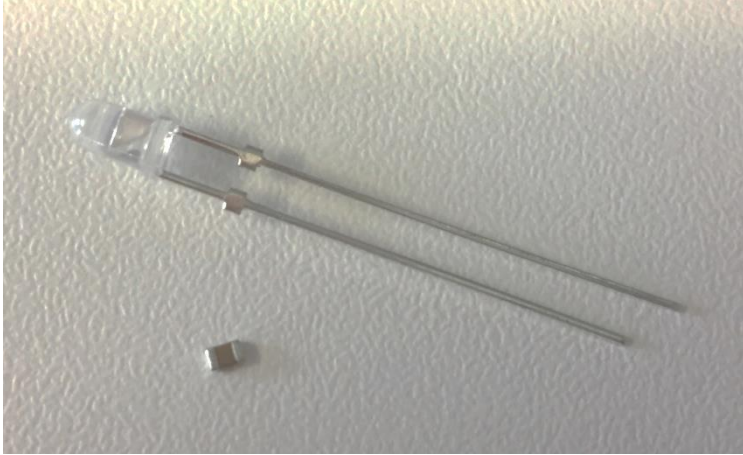


Battery (CR2032)

Schematic



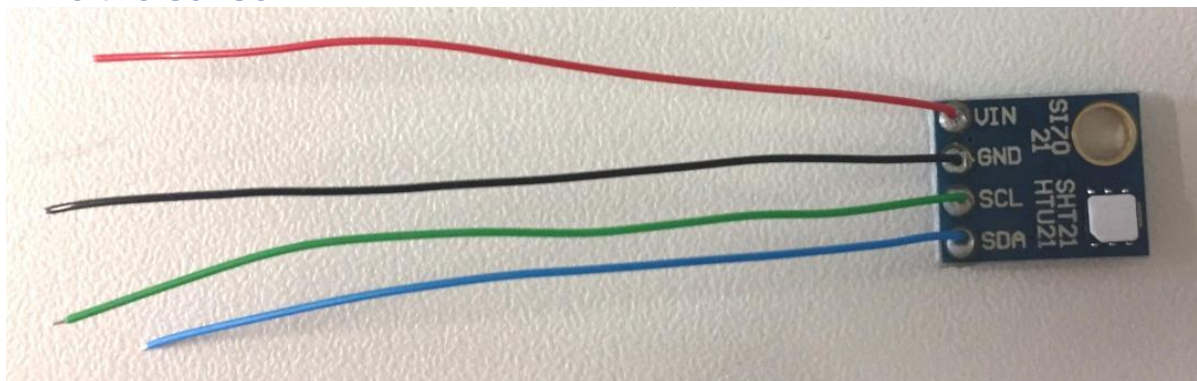
Prepare LED



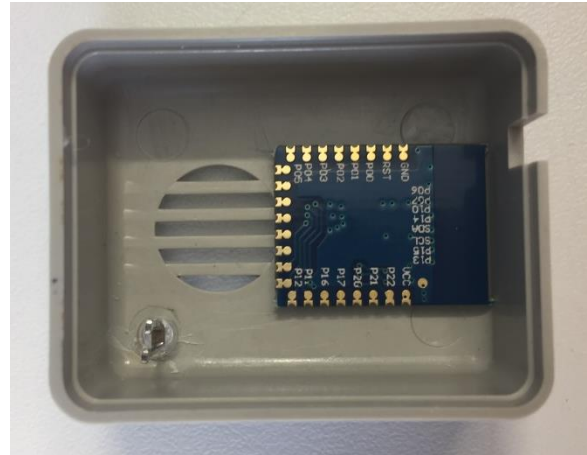
Remove voltage regulator (optionally for current reduction)



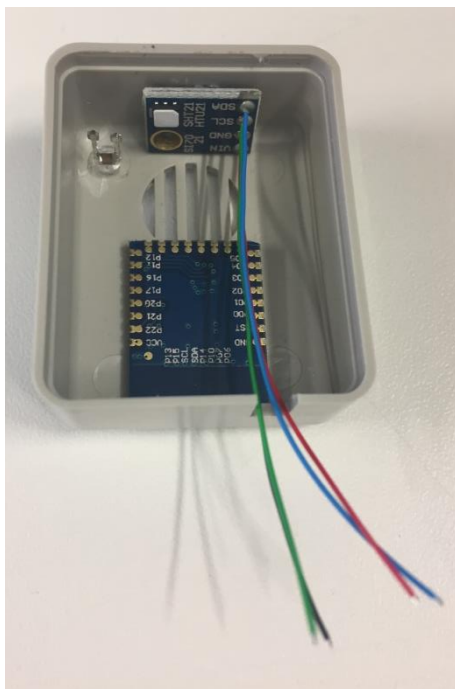
Wire the sensor



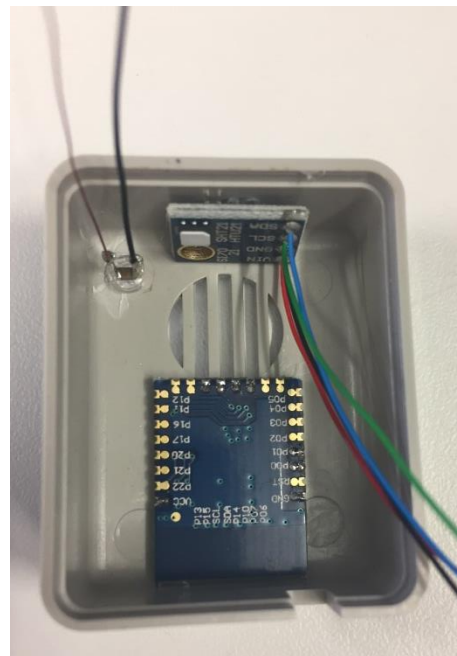
Put the components into the case



Stick BLE-Module into the case

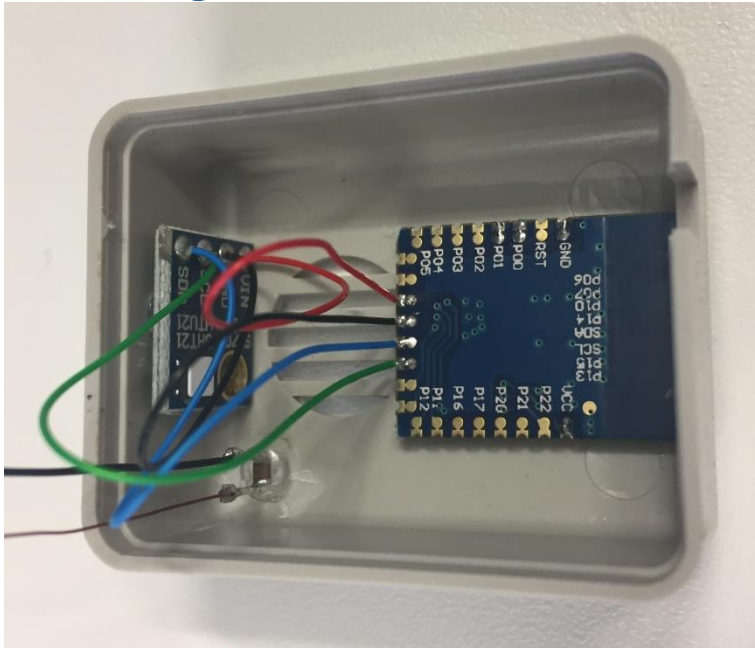


Stick Sensor-Module into the case

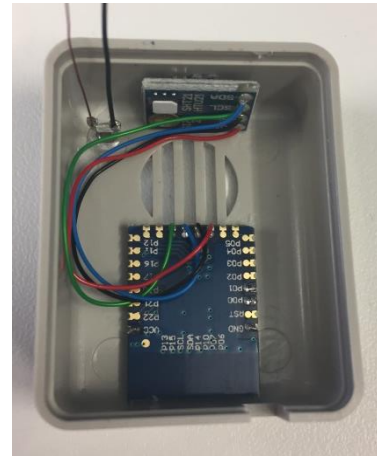


**add wires to the LED
(black = GND)**

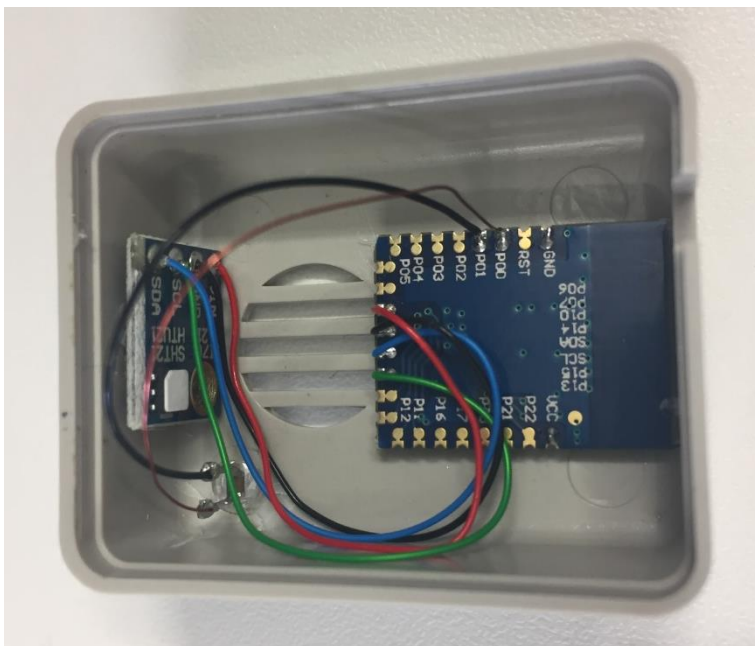
Connecting wires



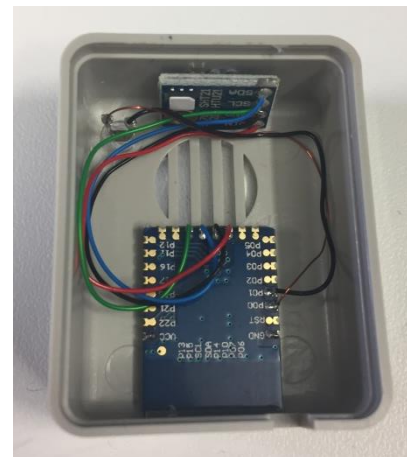
Connect the sensor with the BLE-Module



stow the wires

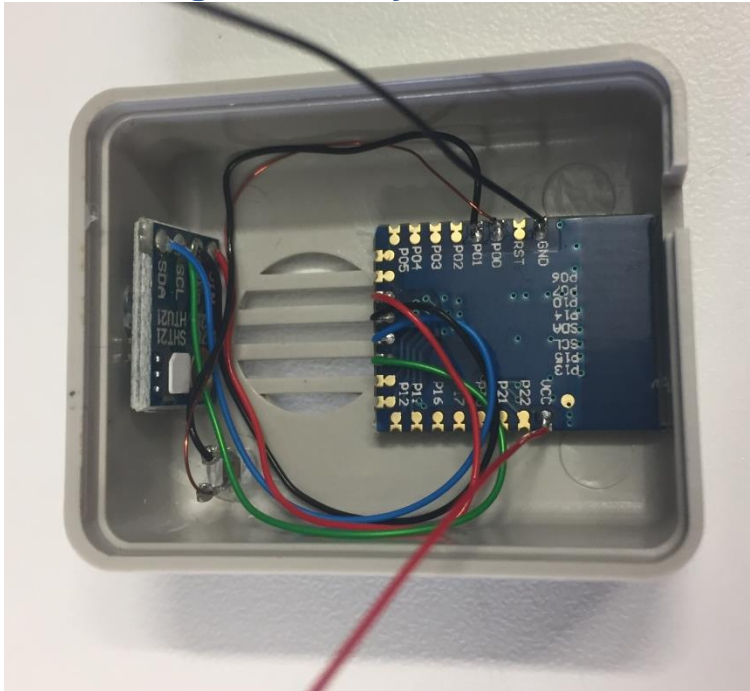


Connect the LED with the BLE-Module



stow the wires

Connecting the battery



Add wires to Vcc and GND



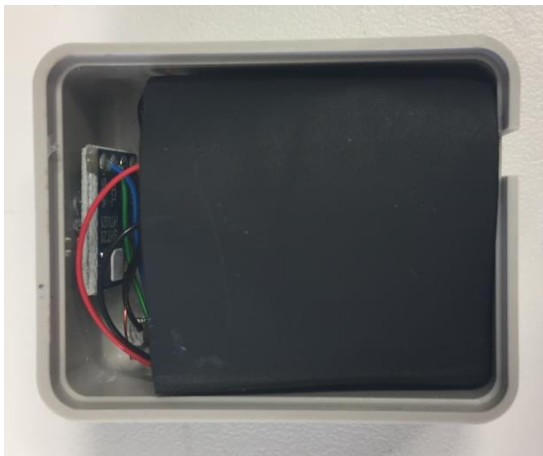
Connect the battery holder



put in the battery



isolate the battery



Put everything into the case



close the case