

# Assembly Smart-ClimaSens

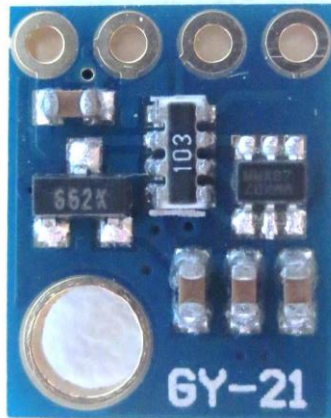
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## List of components



**Case**



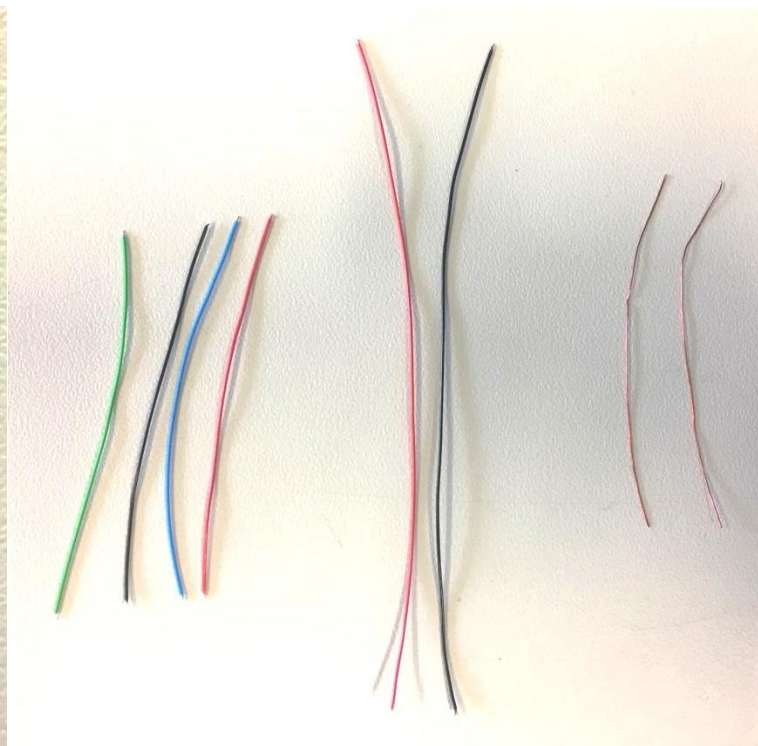
**Sensor (Si7021)**



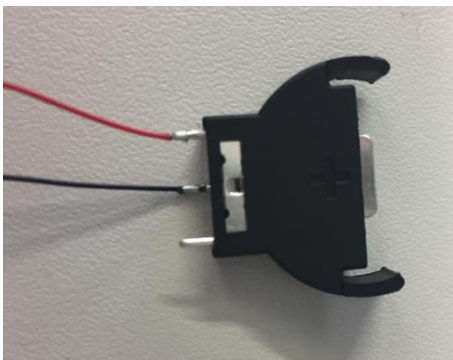
**BLE-Module**



**10nF (0805), LED (3mm)**



**Wires**

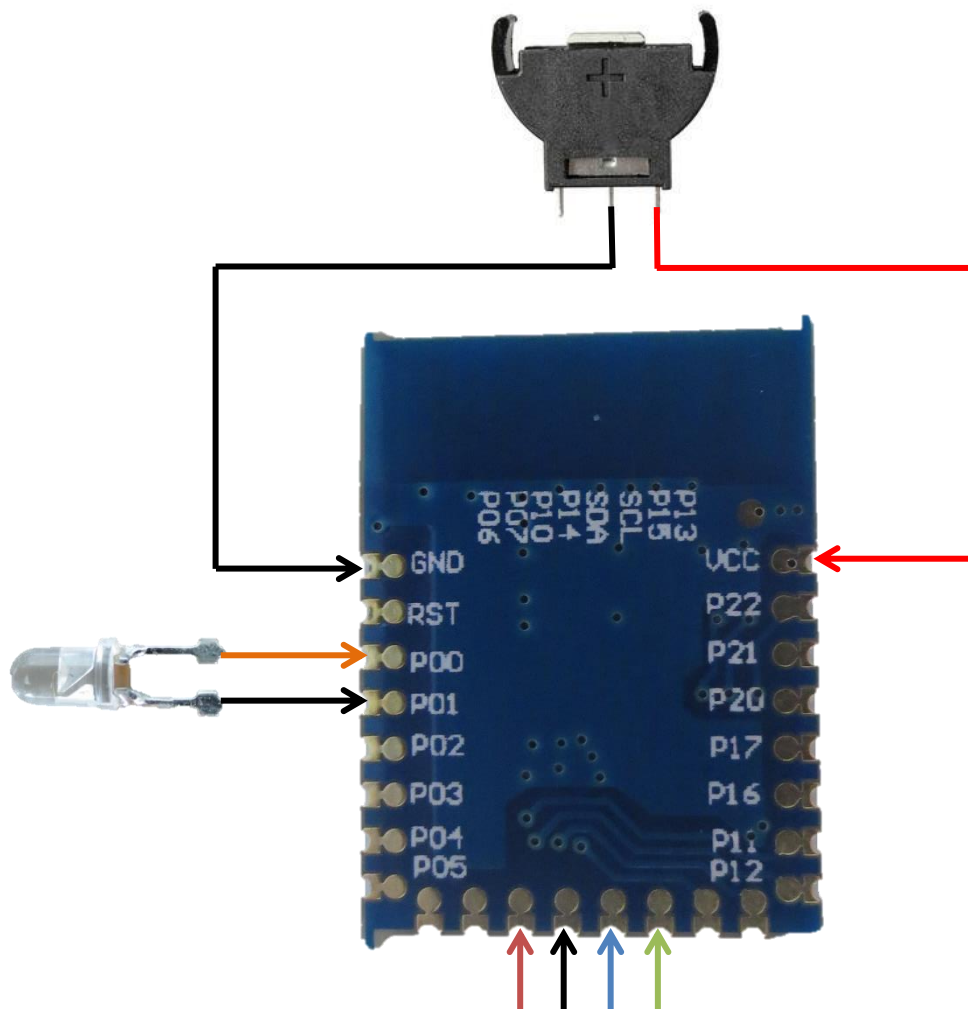


**Battery holder**

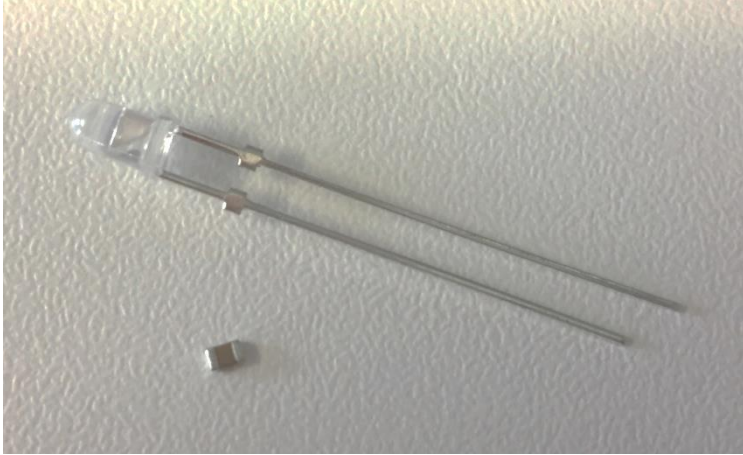


**Battery (CR2032)**

## Schematic



## Prepare LED

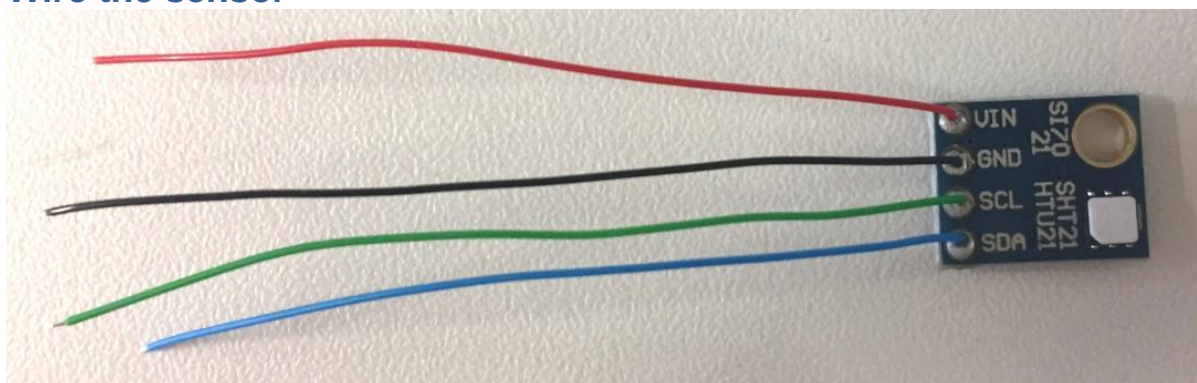




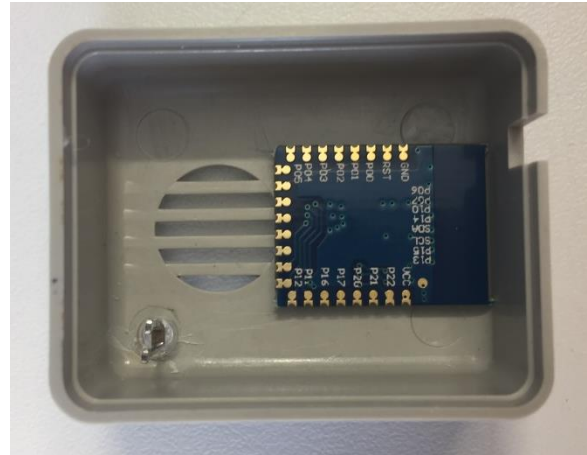
**Remove voltage regulator (optionally for current reduction)**



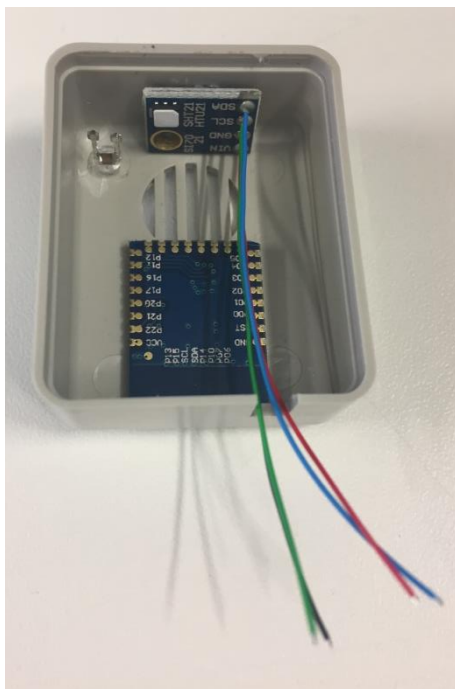
**Wire the sensor**



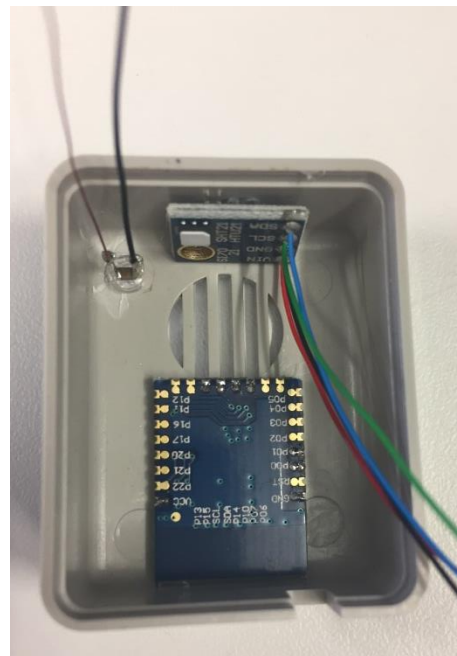
**Put the components into the case**



**Stick BLE-Module into the case**

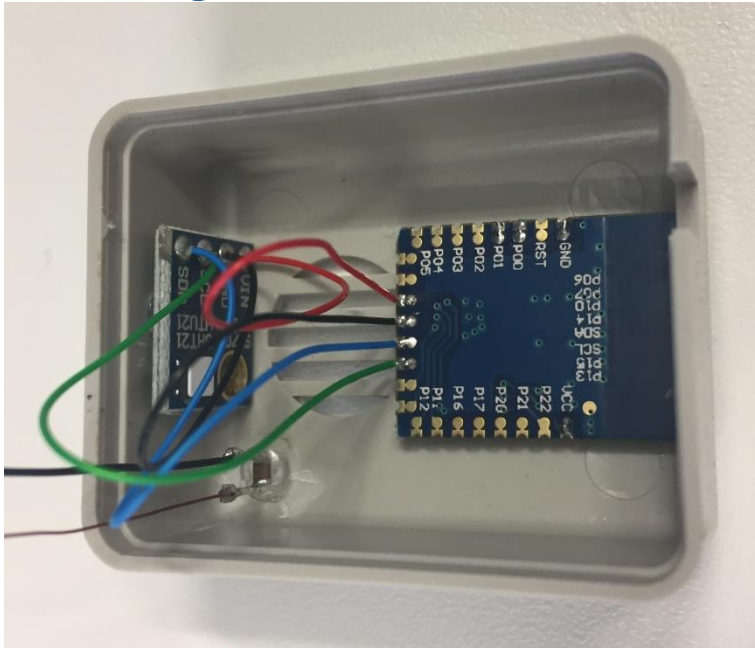


**Stick Sensor-Module into the case**

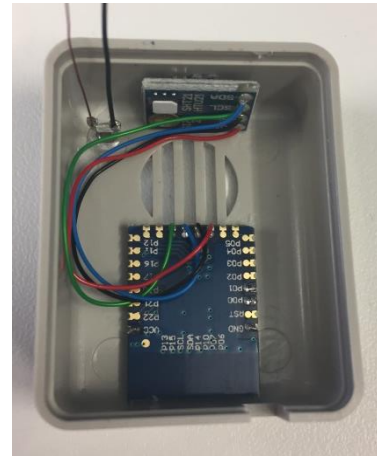


**add wires to the LED  
(black = GND)**

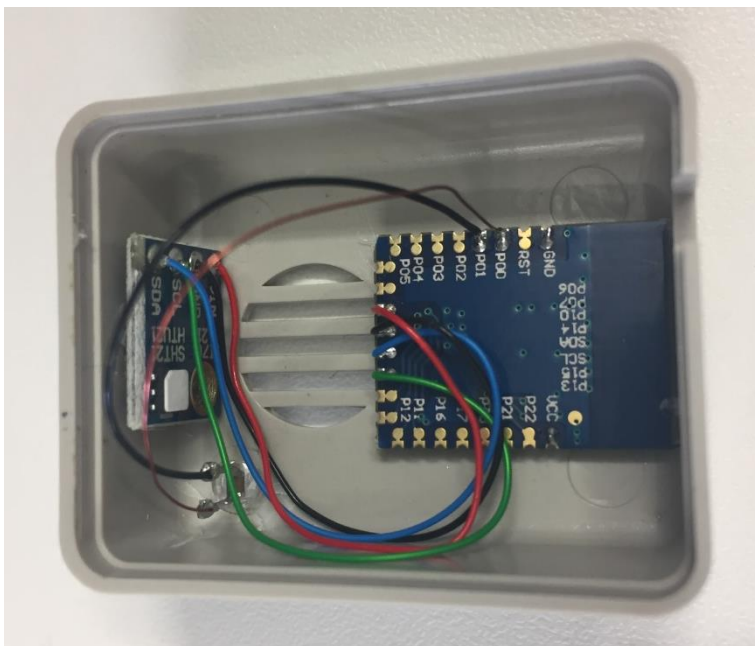
## Connecting wires



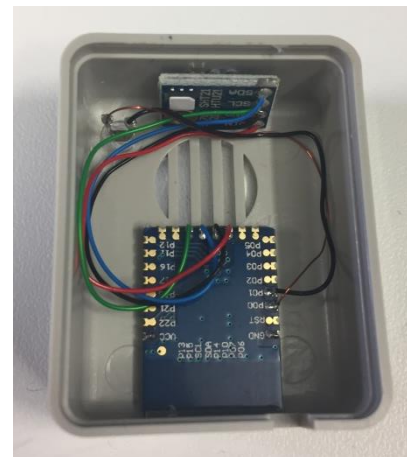
**Connect the sensor with the BLE-Module**



**stow the wires**



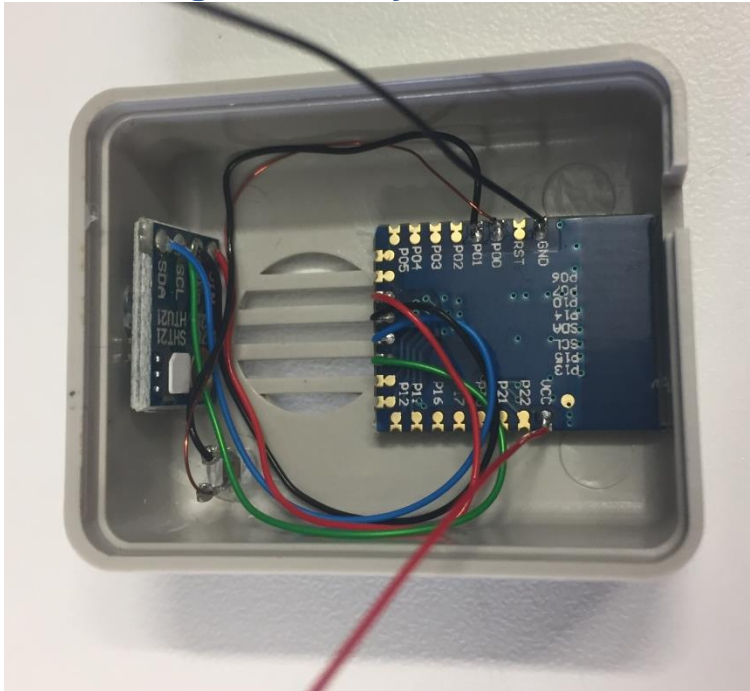
**Connect the LED with the BLE-Module**



**stow the wires**



## Connecting the battery



Add wires to Vcc and GND



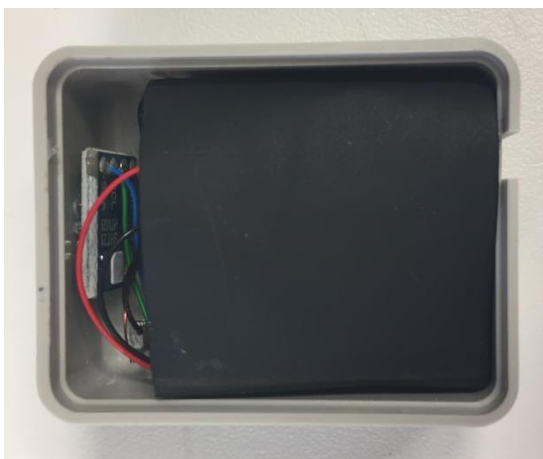
Connect the battery holder



put in the battery



isolate the battery



Put everything into the case



close the case