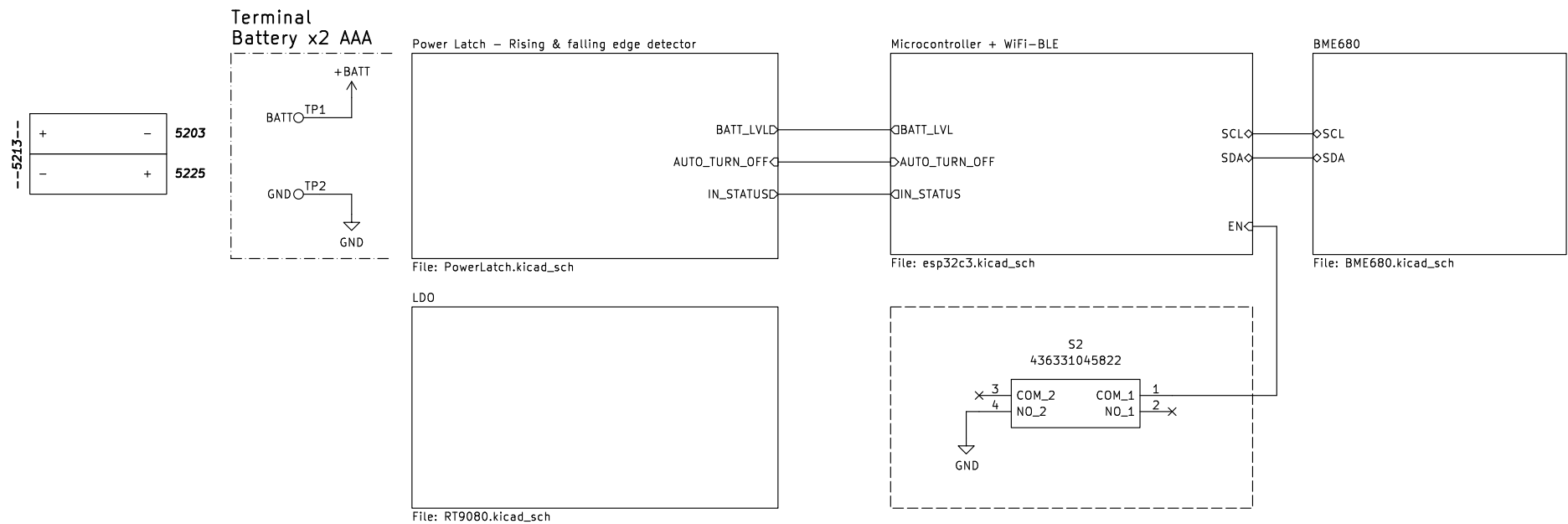


# DW Sensor Module

## (No modular design)



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Designer: Salvatore Raccardi  
[objexlabs.com](http://objexlabs.com)  
**OBJEX**

**OBJEX**

Sheet: /  
File: OBJEX-DoorSensor\_v1.2.kicad\_sch

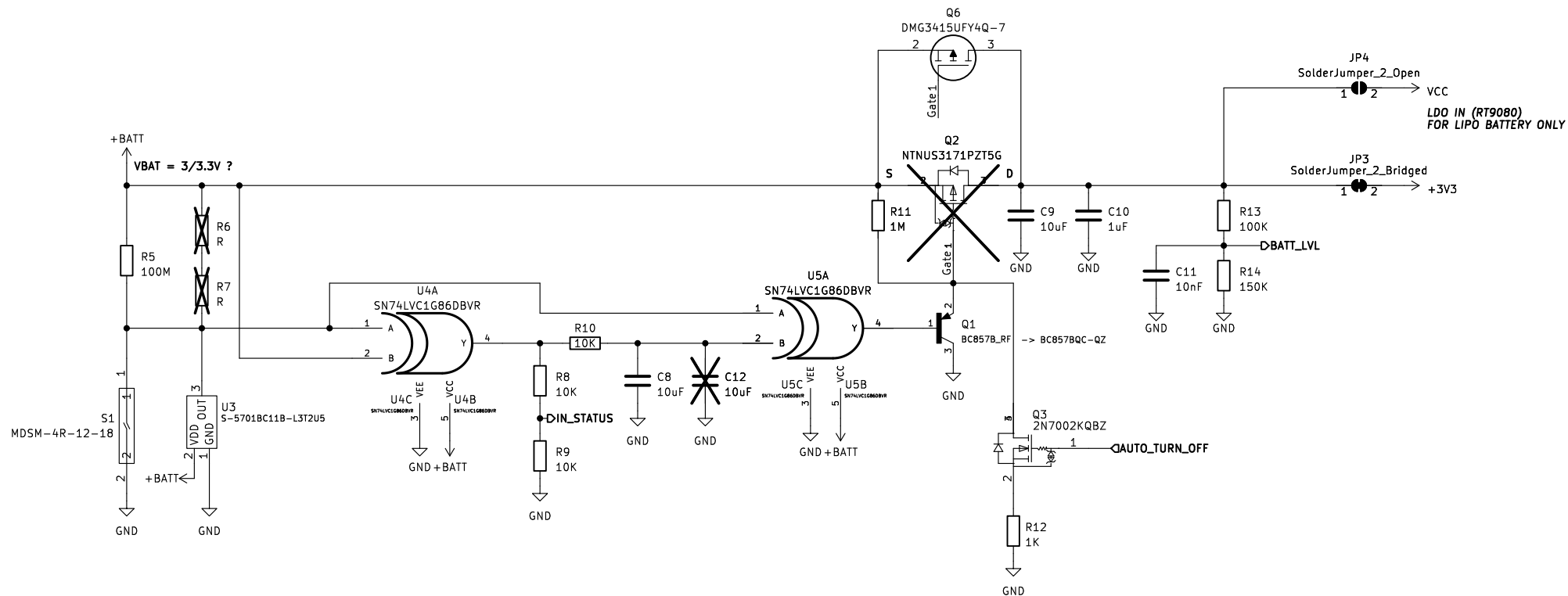
**Title: DW Sensor Module – (No modular design)**

Size: A4 Date: 2023-03-23  
KiCad E.D.A. kicad 7.0.1

Rev: 1.2  
Id: 1/5

## Power Latch

### Rising & falling edge detector

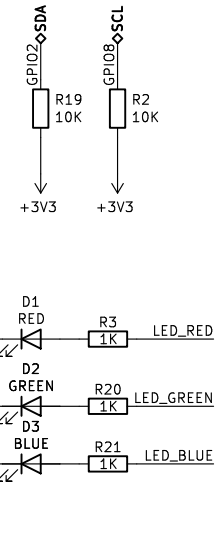
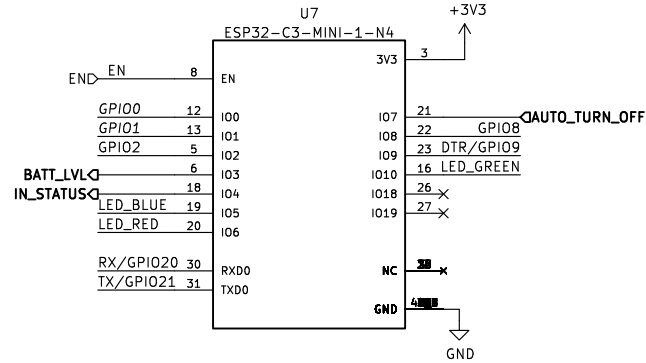
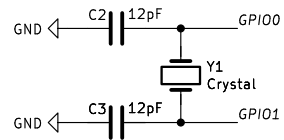
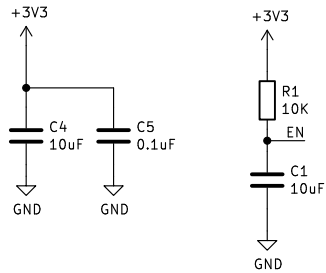


Sheet: /Power Latch – Rising & falling edge detector /  
File: PowerLatch.kicad\_sch

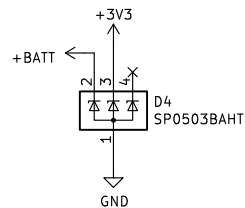
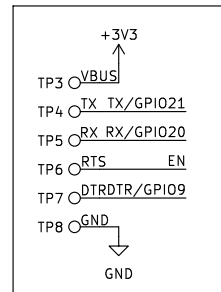
**Title: DW Sensor Module – (No modular design)**

Id: 2/5

# Microcontroller ESP32-C3-MINI-1-N4



## ESP32 TEST POINTs



Designer: Salvatore Raccardi  
objexlabs.com

**OBJEX**

Sheet: /Microcontroller + WiFi-BLE/  
File: esp32c3.kicad\_sch

**Title: DW Sensor Module – (No modular design)**

Size: A4 Date: 2023-03-23

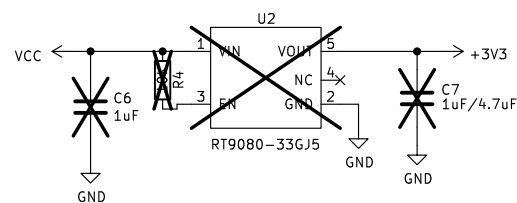
KiCad E.D.A. kicad 7.0.1

**Rev: 1.2**

Id: 3/5

**OBJEX**

# LDO RT9080



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Designer: Salvatore Raccardi  
[objexlabs.com](http://objexlabs.com)

**OBJEX**

Sheet: /LDO/  
File: RT9080.kicad\_sch

**Title: DW Sensor Module – (No modular design)**

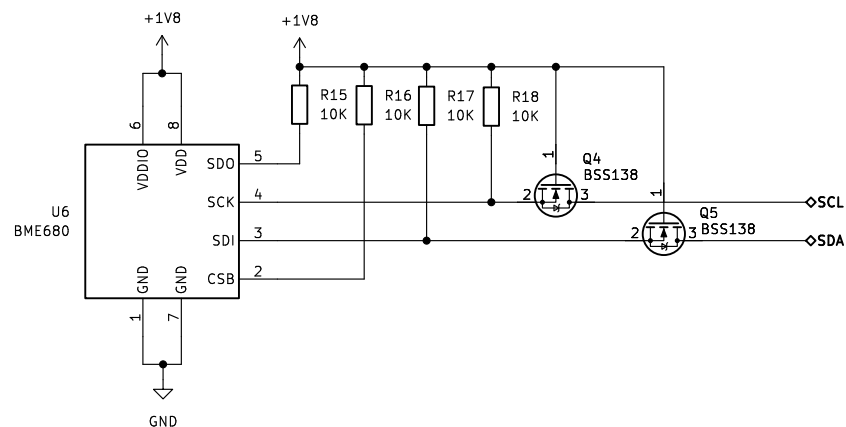
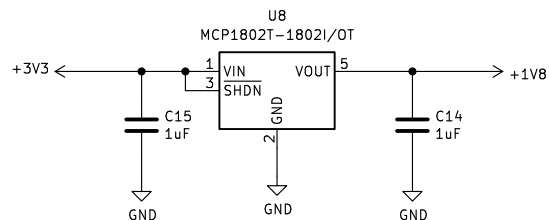
Size: A4 Date: 2023-03-23

Rev: 1.2

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Id: 4/5

# BME680



Designer: Salvatore Raccardi  
objexlabs.com

**OBJEX**

Sheet: /BME680/  
File: BME680.kicad\_sch

**Title: DW Sensor Module – (No modular design)**

Size: A4 Date: 2023-03-23

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Rev: 1.2

Id: 5/5

**OBJEX**