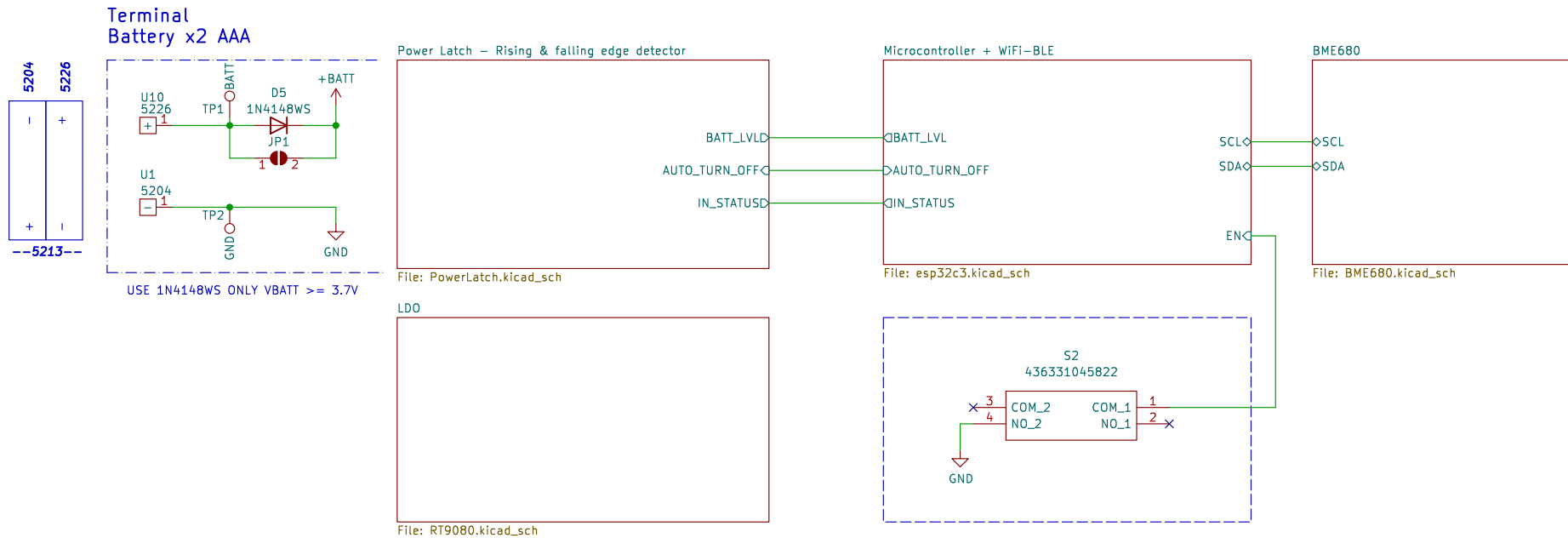


# DW Sensor Module (No modular design)



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Source location: <https://www.ohwr.org/project/wr-switch-hw>

As per CERN-OHL-W v2 section 4.1, should You produce hardware based on these sources, You must maintain the Source Location visible on the external case of the White Rabbit switch or other product you make using this documentation.

Designer: Salvatore Raccardi  
objexlabs.com

**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 7.0.1-0

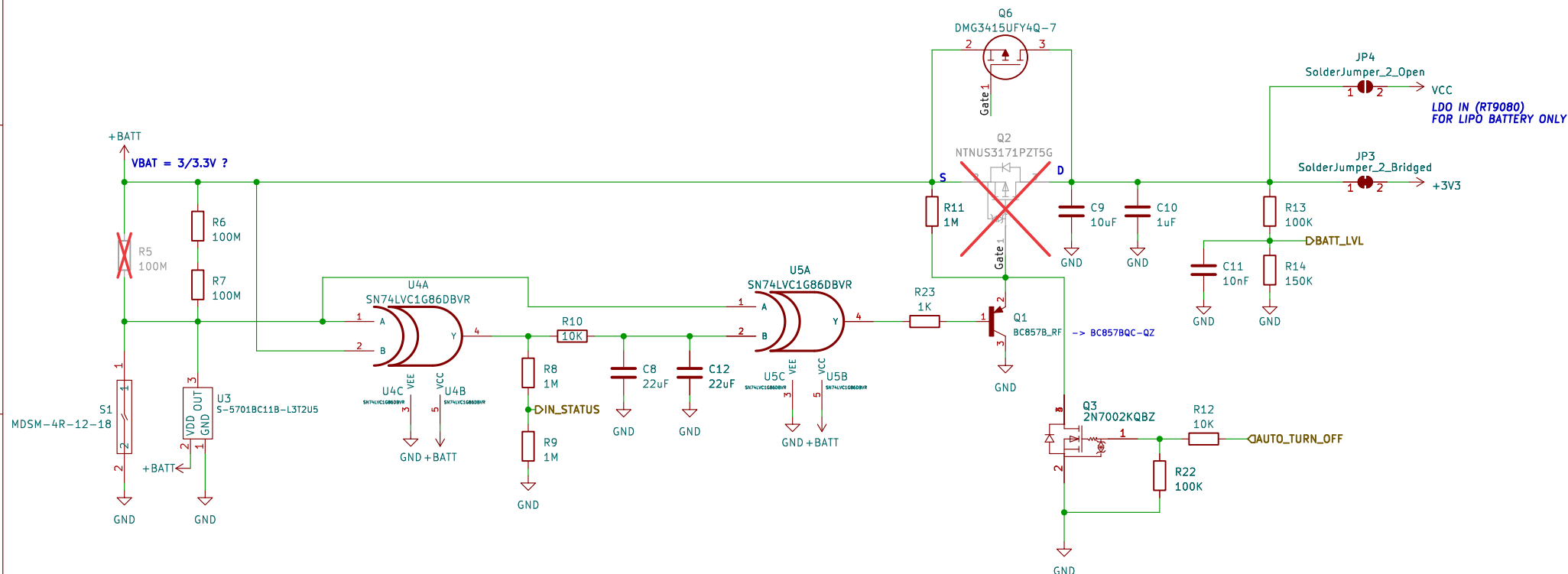
**Rev: 1.2**

Id: 1/5

**OBJEX**

## Power Latch

### Rising & falling edge detector



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Designer: Salvatore Raccardi  
obiexlabs.com

## OBJEX

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

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

Size: A4	Date: 2023-03-23
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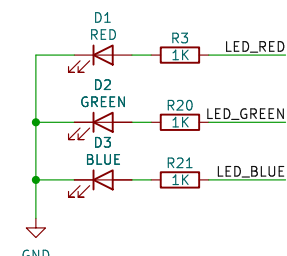
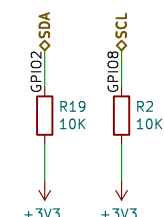
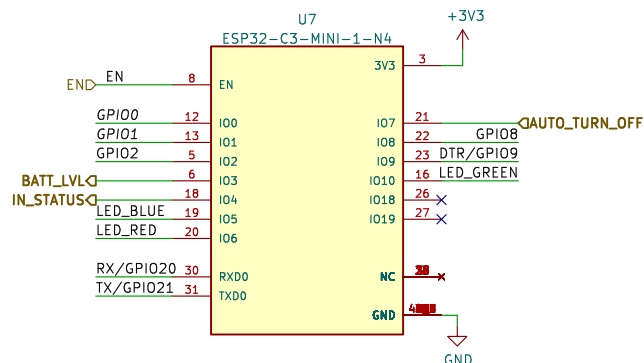
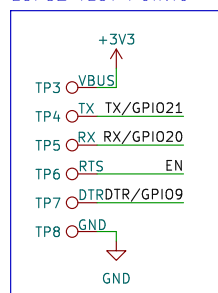
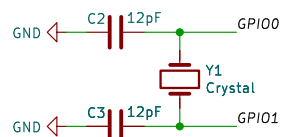
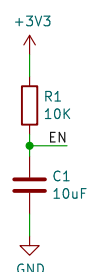
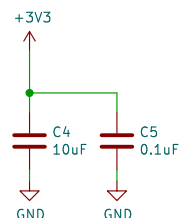
Size: 11	Date: 2024
KiCad E.D.A.	kicad 7.0.1-0

Rev: 1.2

Id: 2/5

**OBJEX**

## Microcontroller ESP32-C3-MINI-1-N4



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Designer: Salvatore Raccardi  
obiexlabs.com

**OBJEX**

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

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

Size: A4	Date: 2023-03-23
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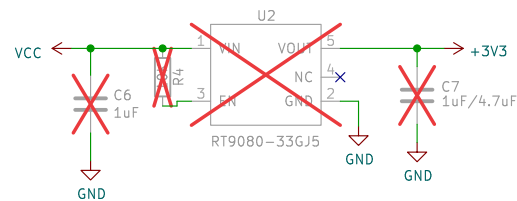
Size: 11	Date: 2024
KiCad E.D.A.	kiCad 7.0.1-0

**OBJEX**

Rev: 1.2

Id: 3/5

## LDO RT9080



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external case of the White Rabbit switch or other product you make using

this documentation.

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

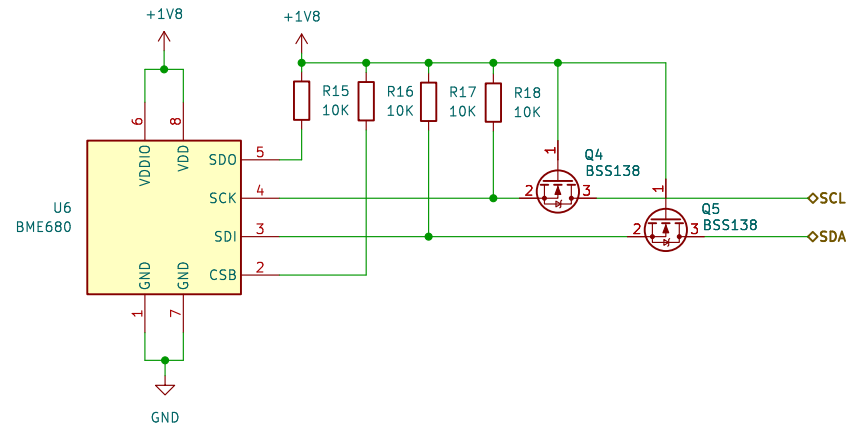
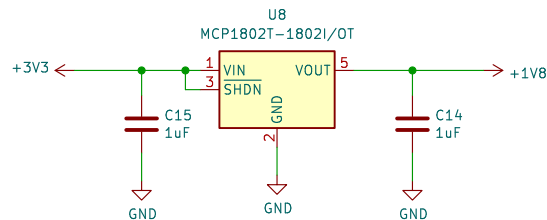
Rev: 1.2

KiCad E.D.A. kicad 7.0.1-0

Id: 4/5

**OBJEX**

# BME680



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Source location: <https://www.ohwr.org/project/wr-switch-hw>

As per CERN-OHL-W v2 section 4.1, should You produce hardware based on these sources, You must maintain the Source Location visible on the external case of the White Rabbit switch or other product you make using this documentation.

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

KiCad E.D.A. kicad 7.0.1-0

**Rev: 1.2**

Id: 5/5

**OBJEX**