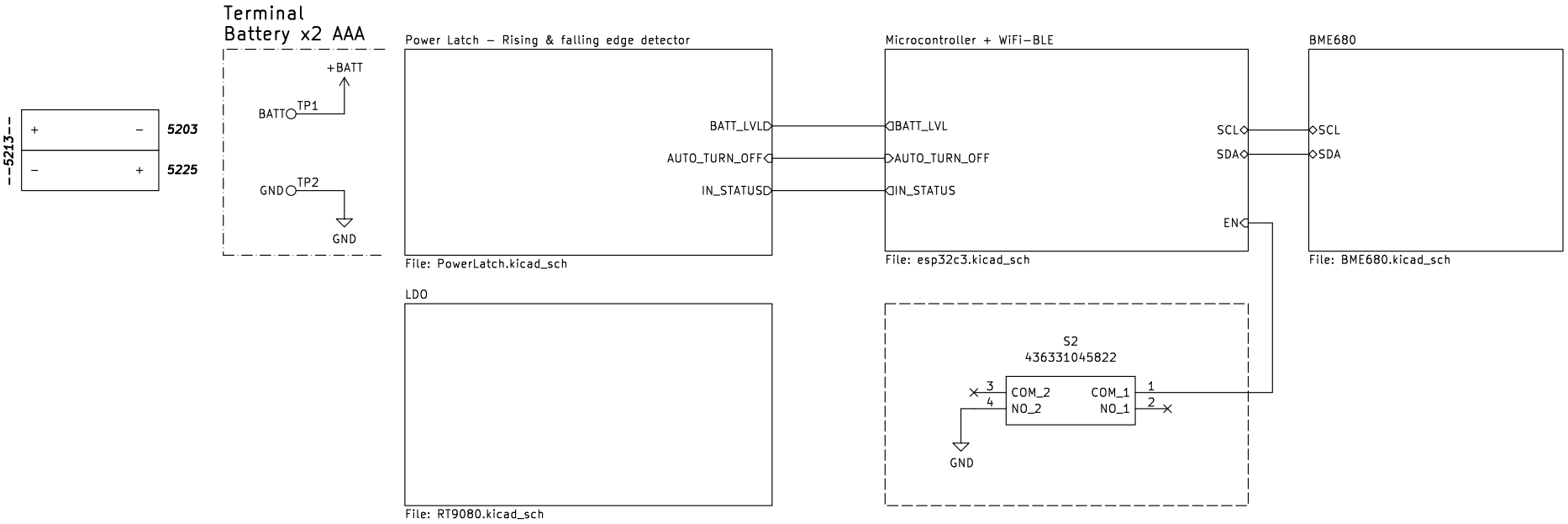
DW Sensor Module
(No modular design)



Designer: Salvatore Raccardi
objexlabs.com
OBJEX

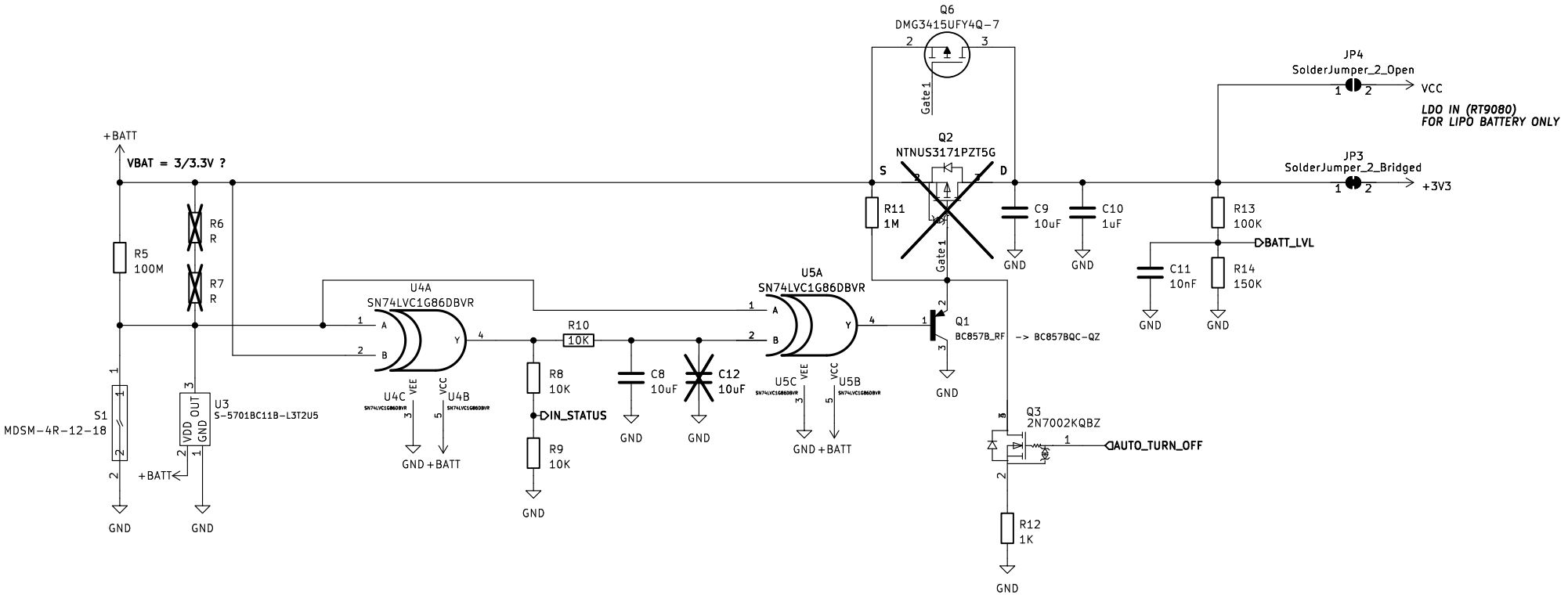
OBJEX

Sheet: /
File: OBJEX–DoorSensor_v1.2.kicad_sch

Title: DW Sensor Module – (No modular design)

Size: A4	Date: 2023–03–23	**Rev: 1.2**
KiCad E.D.A. kicad 7.0.1		Id: 1/5

Power Latch
Rising & falling edge detector



Designer: Salvatore Raccardi objexlabs.com **OBJEX**		OBJEX
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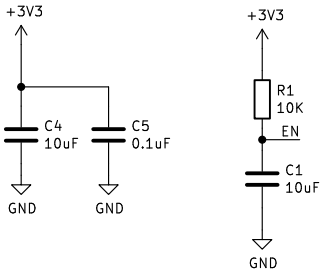
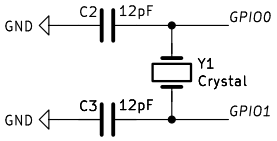
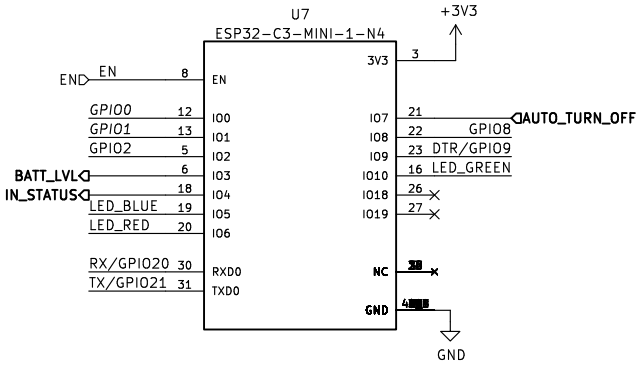
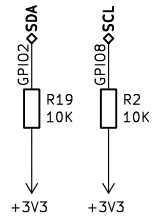
Title: DW Sensor Module – (No modular design)		
Size: A4	Date: 2023-03-23	**Rev: 1.2**
KiCad E.D.A. kicad 7.0.1		Id: 2/5

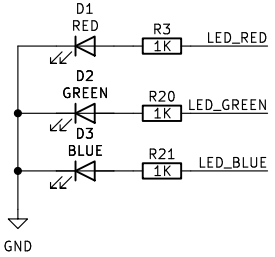
Microcontroller
ESP32-C3-MINI-1-N4



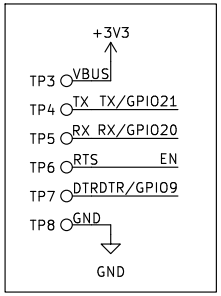


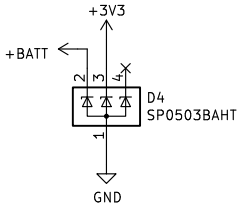






ESP32 TEST POINTs





Designer: Salvatore Raccardi
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OBJEX

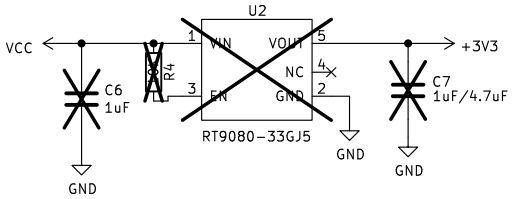
OBJEX

Sheet: /Microcontroller + WiFi-BLE/
File: esp32c3.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		Id: 3/5

LDO
RT9080



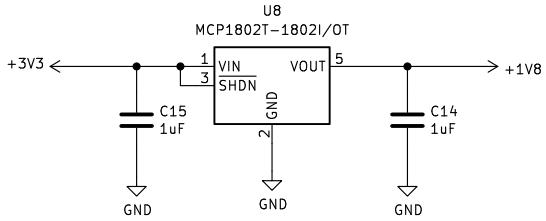
Designer: Salvatore Raccardi
objexlabs.com
OBJEX

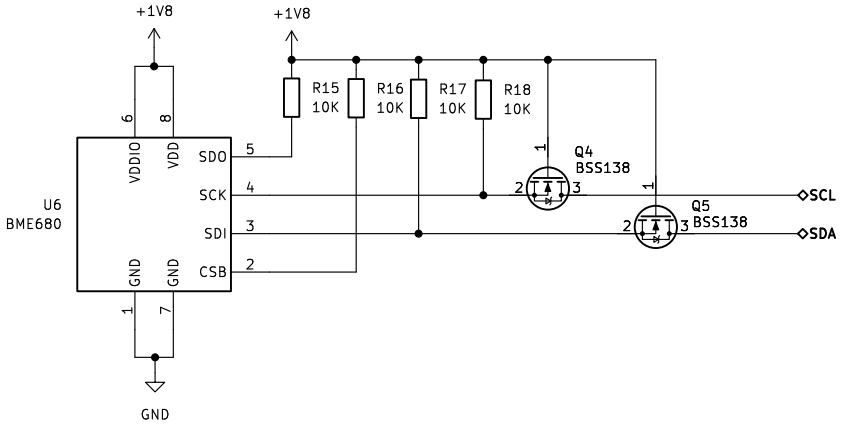
Sheet: /LDO/
File: RT9080.kicad_sch

Title: DW Sensor Module – (No modular design)

Size: A4	Date: 2023-03-23	**Rev: 1.2**
KiCad E.D.A. kicad 7.0.1		Id: 4/5

BME680





Designer: Salvatore Raccardi
objexlabs.com
OBJEX

OBJEX

Sheet: /BME680/
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Title: DW Sensor Module – (No modular design)

Size: A4	Date: 2023-03-23	**Rev: 1.2**
KiCad E.D.A. kicad 7.0.1		Id: 5/5