

Rev 1.0.0

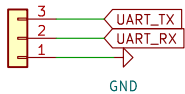
- 65mm/34mm Edge Cut Size
- 3V0 VDD Capacitor(bypass) & Beads
- Sensor & Battery Bug Fix

Rev 1.0.1

- Oxygen Sensor
 - Voltage Amplification Ratio AdjustmentR11(100 -> 10.7), R12(5.1k -> 2.0k)
 - Addition of Capacitor for Noise Reduction (C22)
- Gas Sensor
 - Addition of Capacitor for Noise Reduction (R19, C23)
- Battery Connector pitch fix (2.5mm -> 1.25mm)

Sheet: /			
File: gas_nrf52832.kicad_sch			
Title: Revision History			
Size: A4		Date:	
KiCad E.D.A. kicad 7.0.9		Rev:	
		Id: 1/4	

J4
Conn_01x03



Gas_Sensor
Board
Gas_Board1
Gas_Board

C1
12pF

C2
12pF

X1
32.768kHz

SENSOR_EN

SDA
SCL

E1
MDBT42Q-512KV2

VDD_nRF

C4
10uF

L2
10uH

L1
15nH

C3
1.0uF

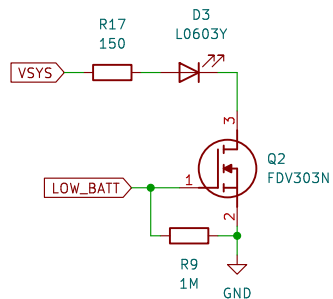
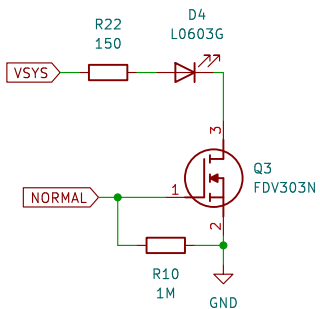
UART_RX

UART_TX

NORMAL

LOW_BATT

BAT_MON_EN



Sheet: /nrf52832/
File: nrf52832.kicad_sch

Title: main chip(nrf52832)

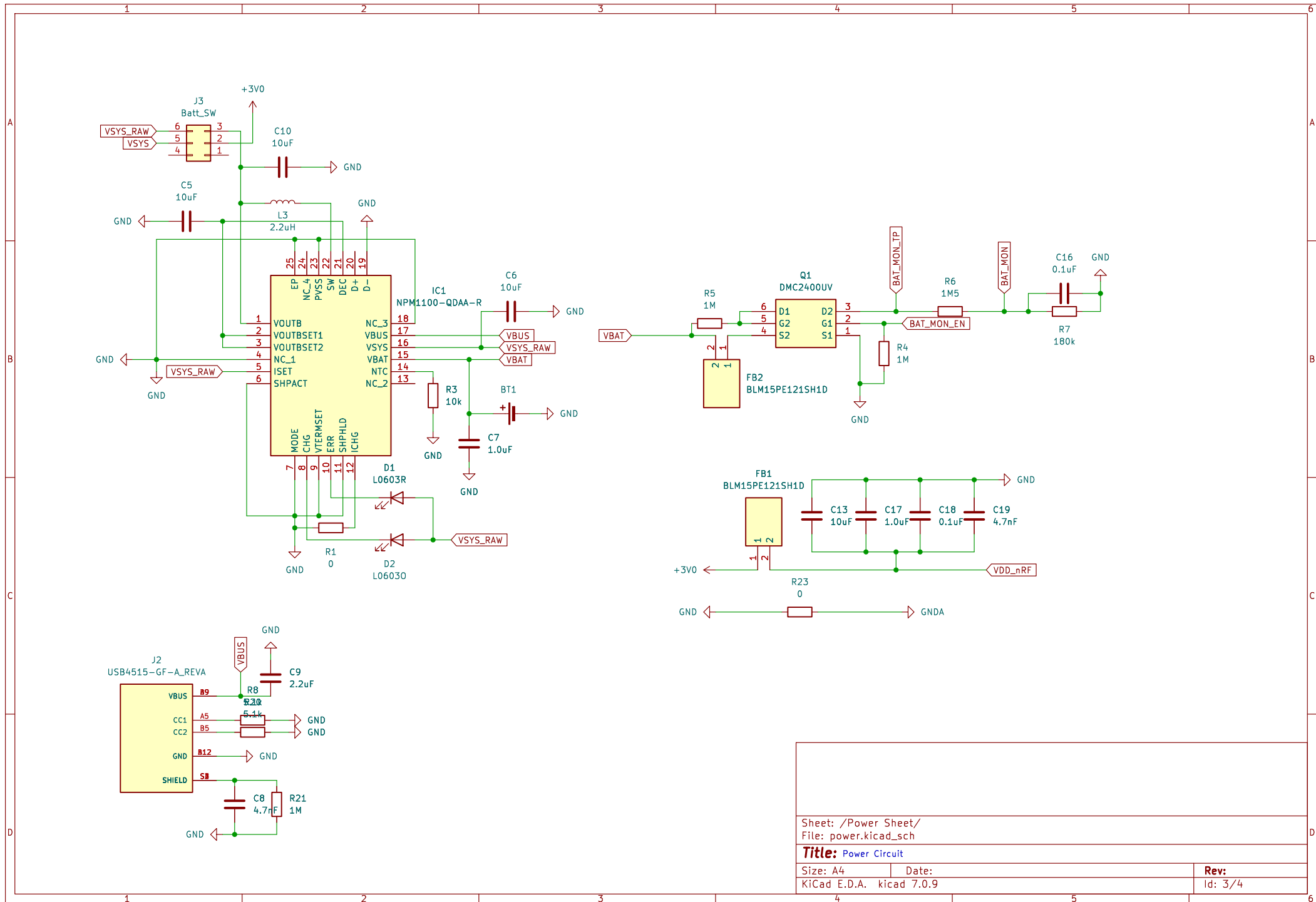
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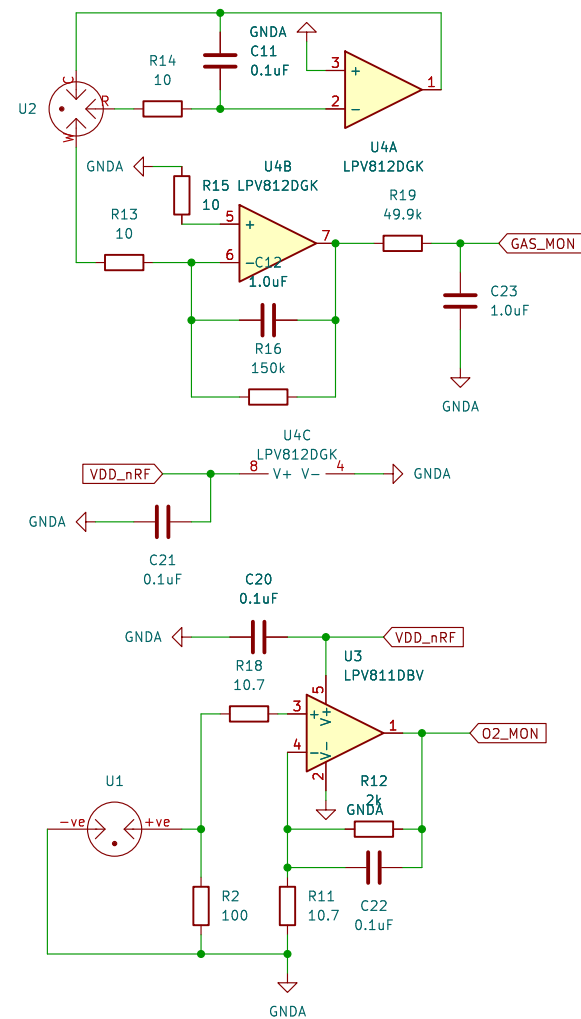
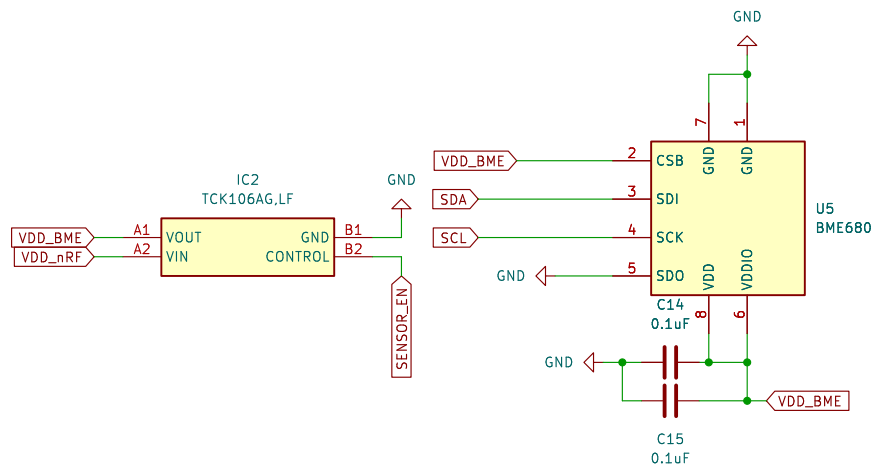
Date:

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Rev:

Id: 2/4





Sheet: /Sensor Sheet/
File: sensor.kicad_sch

Title: Sensor Circuit

Size: A4
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Date:

Rev:
Id: 4/4