

# Devices

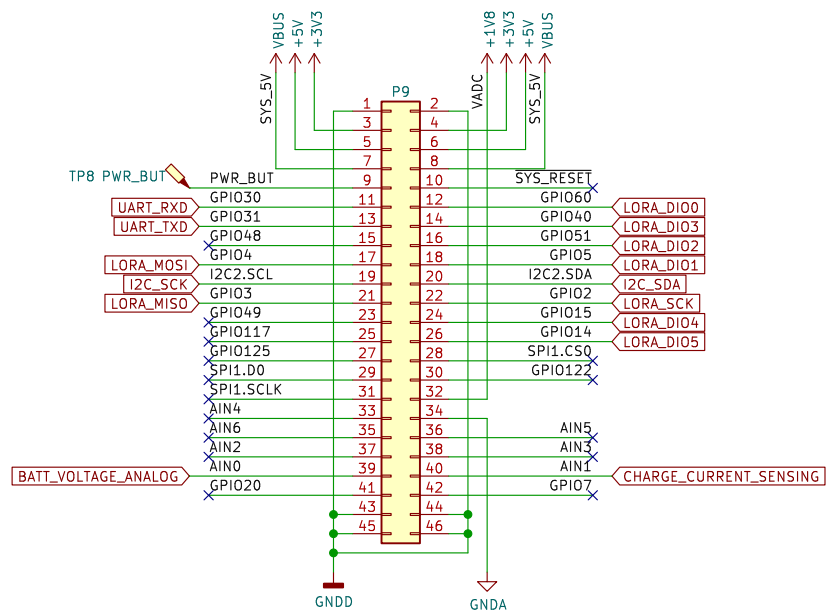


File: beaglebone\_gateway\_v1\_devices.kicad\_sch

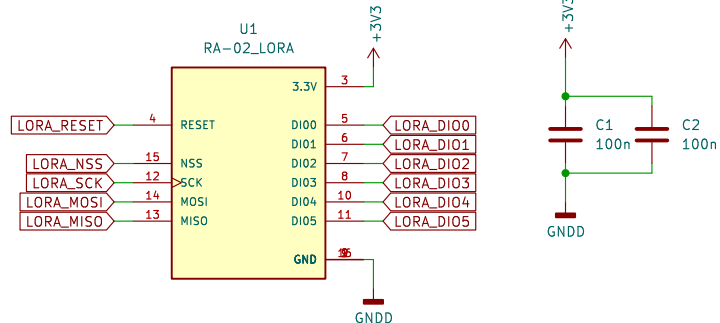
# ADC



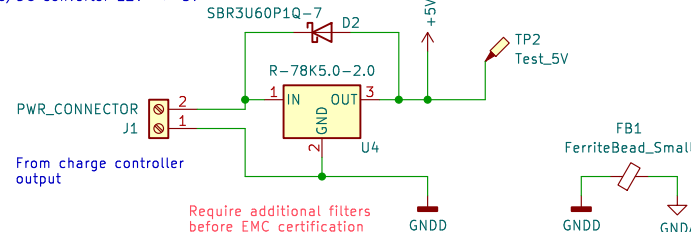
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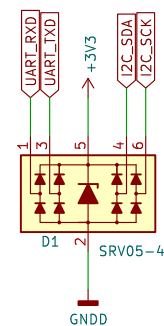
# LoRa module



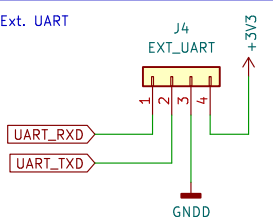
# DC/DC converter 12V -> 5V



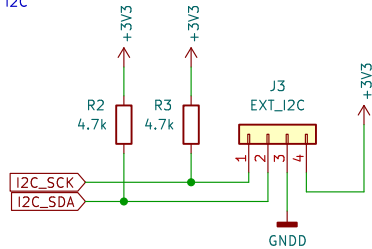
# ESD protection



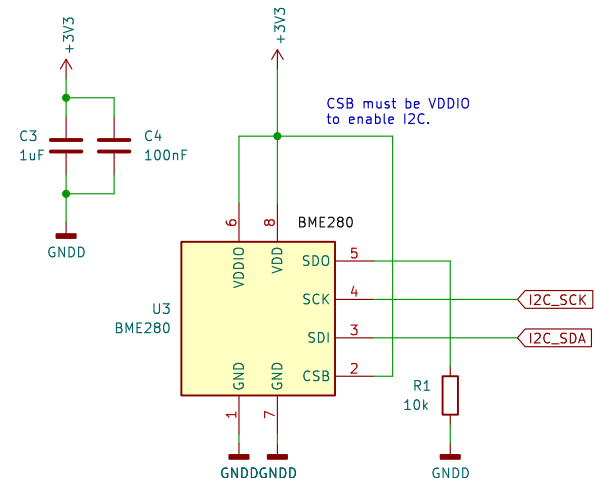
# Ext. UART



# Ext. I2C



# BME280 sensor



Beaglebone Black LoRa gateway HAT. Buzzverse.

Authors:  
Jakub Martyński  
Maciej Wotosewicz

Sheet: /Devices/  
File: beaglebone\_gateway\_v1\_devices.kicad\_sch

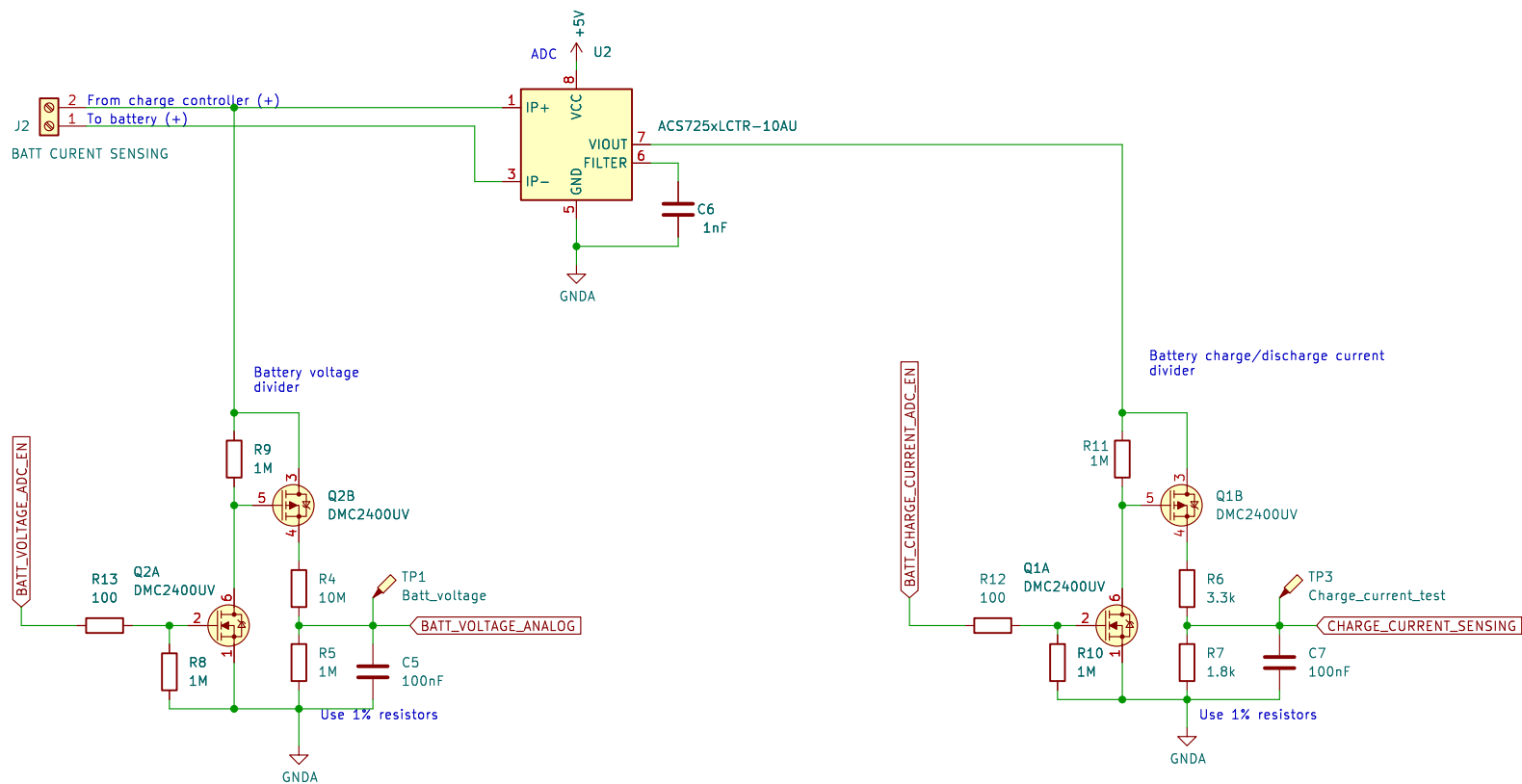
**Title:** Beaglebone Black LoRa gateway HAT.

Size: A4  
KiCad E.D.A. 8.0.2

Date:

**Rev:**  
Id: 2/3

# Battery charging / discharging meter



Sheet: /ADC/  
File: beaglebone\_gateway\_v1\_adc.kicad\_sch

## Title:

Size: A4

Date:

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Rev:

Id: 3/3