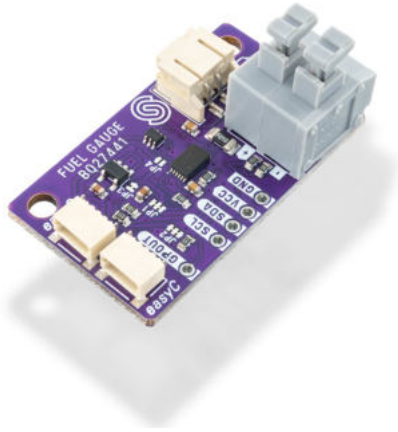


## FUEL GAUGE BQ27441 BREAKOUT



**Weight** 8 g

**Description**

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### DESCRIPTION

Fuel gauge is a special type of accessory for lithium batteries that very precisely measures the state of the battery. This includes current voltage [mV], state of charge [%] and probably most interestingly: remaining capacity in the battery [mAh]. It is used with 1S batteries, and provides all this information via the I2C interface.

On our board you can find easyC connectors which allow I2C communication with microcontroller. Also, there is a JST input for any pouch battery you can find in our offer, as well as quick connect terminal connector for input if your source doesn't have JST connector.

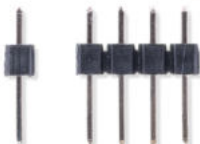
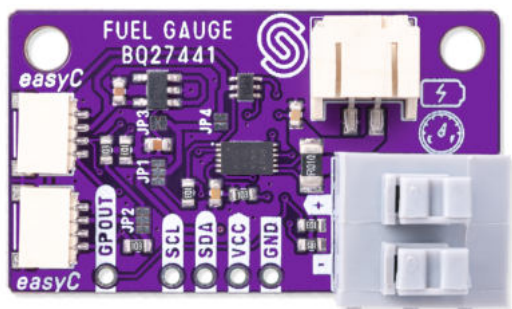
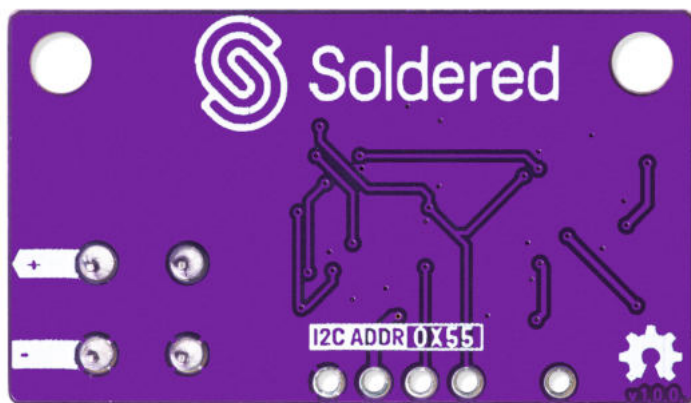
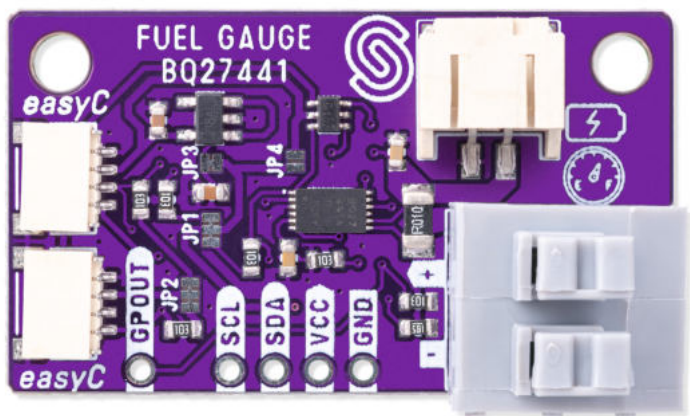
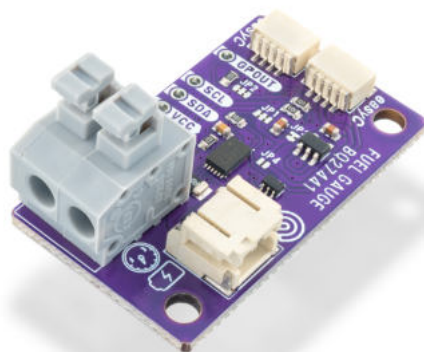
### FEATURES

- For 1S batteries (4.2V)
- Communication: I2C
- Measures: voltage, state of charge, capacity
- Dimensions: 38 x 22 mm / 1.5 x 0.9 inch

### USEFUL LINKS

- [Arduino library](#)
- [Pinout](#)
- [Datasheet](#)
- [Open-Source Hardware files](#)

## OTHER IMAGES



**Weight**

8 g

## Description