

## LOAD-CELL AMPLIFIER HX711 WITH EASYC



<b>Weight</b>	6 g
<b>Description</b>	a

### DESCRIPTION

The HX711 is a highly versatile load cell amplifier that is widely used in various applications requiring precise weight measurements. It is designed to convert analog signals into digital values, making it ideal for integration with microcontrollers, Dasduino boards, and other digital systems.

This load cell amplifier employs a 24-bit analog-to-digital converter (ADC) to ensure high-resolution and accurate readings. It supports differential input signals and offers two differential input channels, allowing the connection of up to two load cells simultaneously. This feature enables the measurement of both single- and multi-load cell systems, expanding its application range.

The HX711 incorporates an integrated voltage regulator, which provides a stable supply voltage for the load cells and ensures accurate and reliable measurements. It operates with a low supply voltage, typically ranging from 2.6V to 5.5V, making it compatible with a wide range of power sources. This breakout board features connectors for easy connection with other boards and microcontrollers within the easyC system. It also comes with switches for selecting the I2C address.

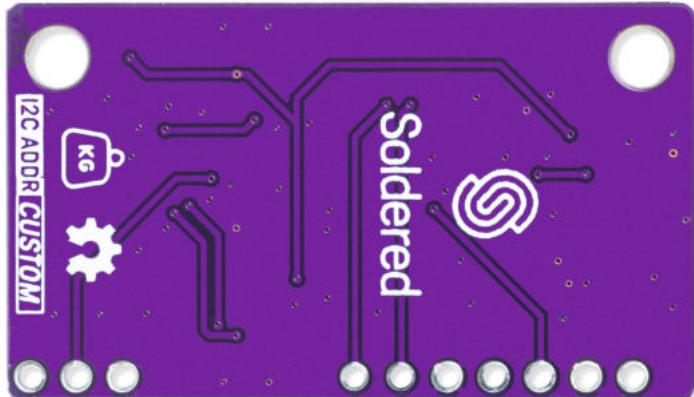
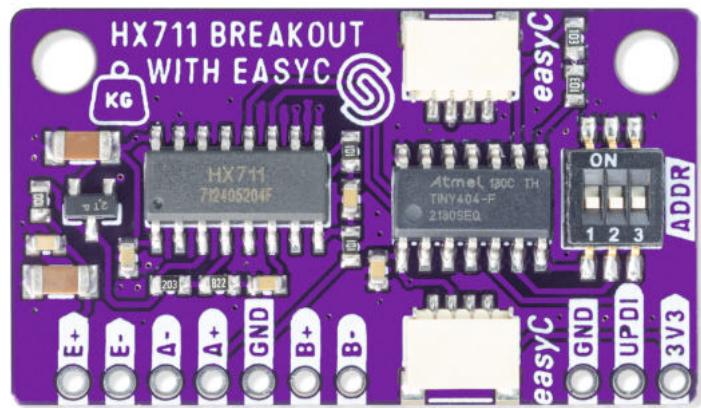
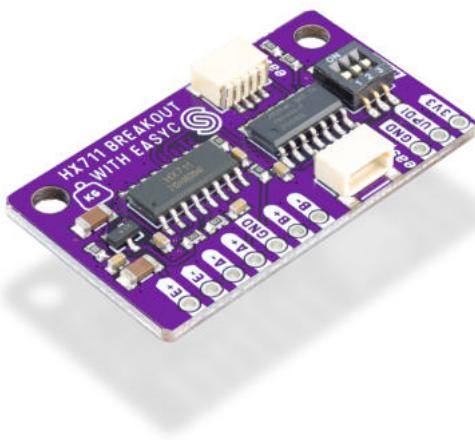
### FEATURES

- ADC: HX711
- 24-bit
- Input voltage: 2.6V to 5.5V
- IC: ATTiny404
- Mounting holes: 2
- Dimensions: 38 x 22 mm / 1.5 x 0.9 inch

## USEFUL LINKS

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

## OTHER IMAGES



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