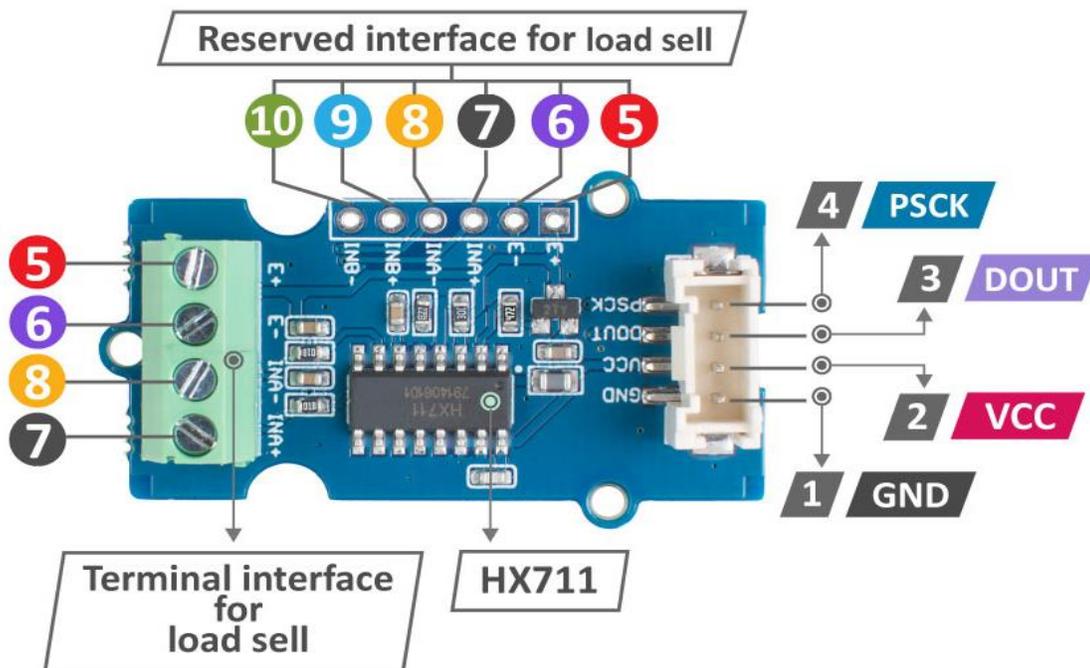




## Features

- Working voltage: 2.6V--5.5V (Note: The module measurement accuracy is related to the supply voltage. The higher the voltage, the higher the accuracy.)
- Working current: <1.5mA
- Detection accuracy: 24 bits
- Optional 10SPS or 80SPS output data rate
- Optional gain: 32 for Channel B / 64 and 128 for Channel A

## Hardware Overview



**1** : Connected to the system GND

**2** : Power supply from grove 5V/3.3V\*2

**3** : Serial data output

**4** : Serial clock input

**5** : Load cell excitation

power supply positive

**6** : Load cell excitation

power supply negative

**7** : Channel A positive input

**8** : Channel A negative input

**9** : Channel B positive input

**10** : Channel B negative input



### Tip

- Channel A is for weight measurement, it has a programmable gain of 128 or 64.
- Channel B is used for system parameter detection, it has a fixed 32 gain

## ECCN/HTS

HSCODE	8543709990
USHSCODE	8517620090
UPC	

## LEARN AND DOCUMENTS

### *Documentations*

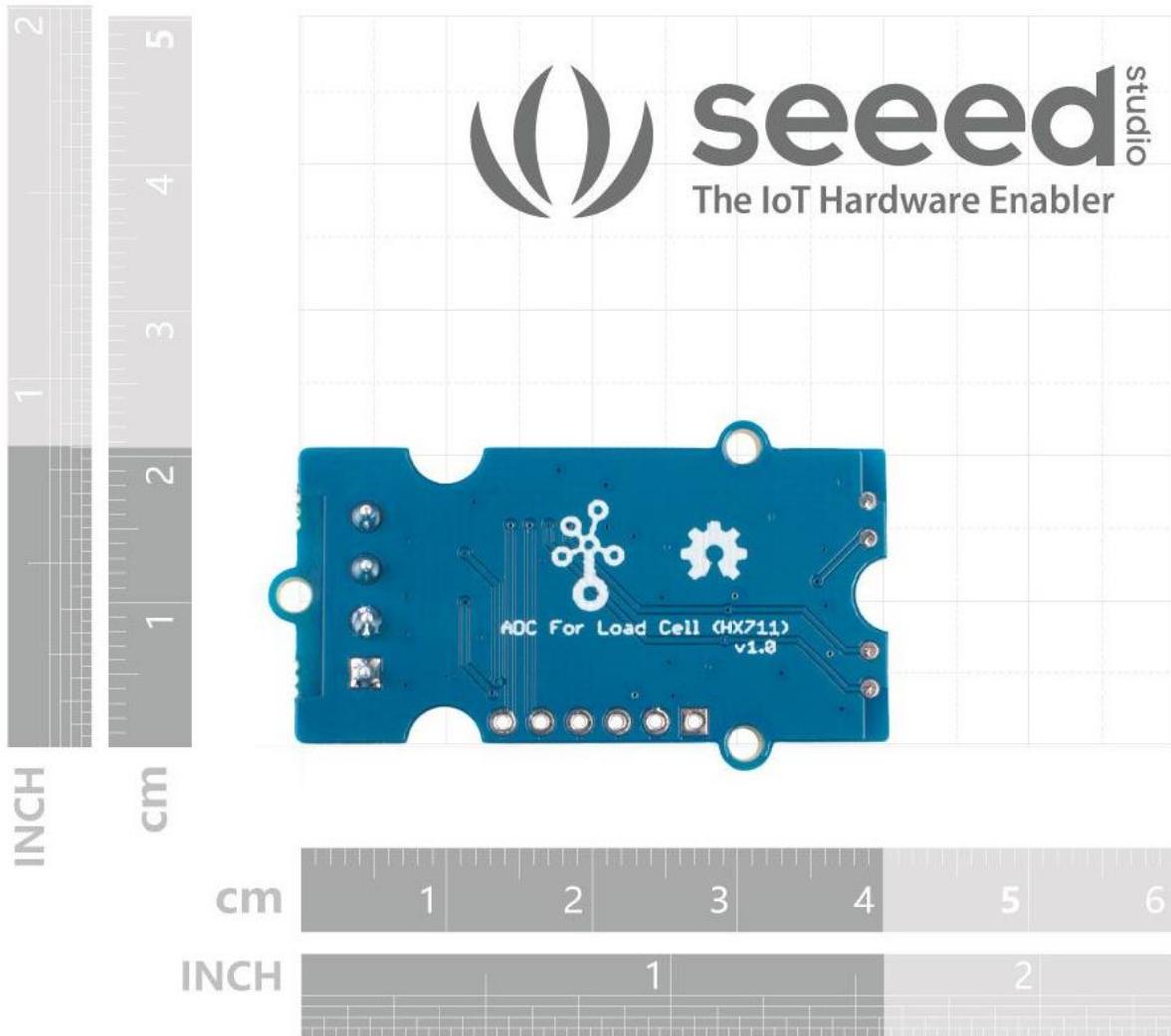
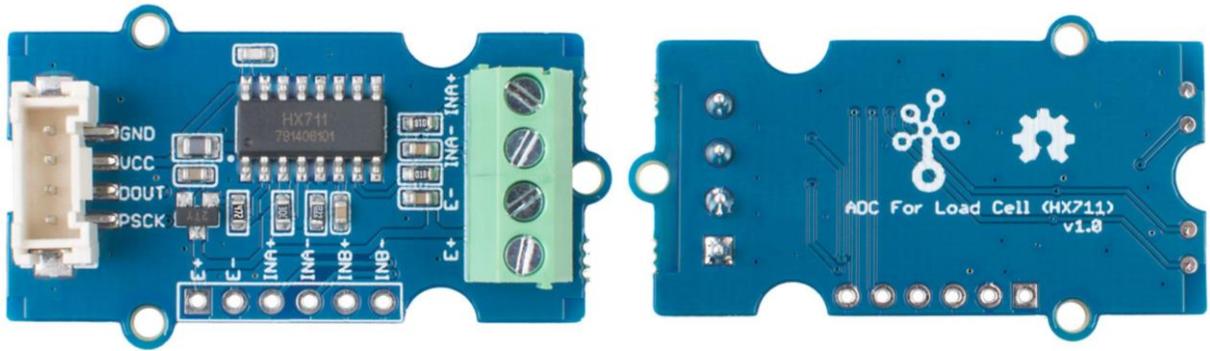
**Grove - ADC for load cell (HX711)-Schematic File  
HX711-datacheet**

### *Learn*



**[Others] 10 THINGS YOU CAN DO WITH YOUR HX711 AND LOAD CELL**

In this blog we will show you 10 cool project that you can make with HX711 and load cell.



<https://www.seeedstudio.com/Grove-ADC-for-Load-Cell-HX711-p-4361.html/12-12-21>