

## Grove - EMG Detector SKU 101020058

EMG detector is a bridge connects human body and electrical, the sensor gathers small muscle signal then process with 2th amplify and filter, the output signal can be recognized by Arduino. You can add this signal into your control system. Note: The sensor cannot be used for medical purposes.

In standby mode, the output voltage is 1.5V. When detect muscle active, the output signal rise up, the maximum voltage is 3.3V. You can use this sensor in 3.3V or 5V system.

### Features

- Grove Compatible
- 3.5mm Connector
- 6 Disposable Surface Electrodes
- Power supply voltage: 3.3V-5V
- 1000mm Cable Leads
- No additional power supply

## Move

When finish downloading demo code, it'll take about 5s to initialize, you should keep static when initializing.

You can see that when initializing, the Led Bar will go form level 10 to level 0. When Led Bar All off, you can move now.

When you are moving, you can find that the level of Led Bar will change.



### Technical details

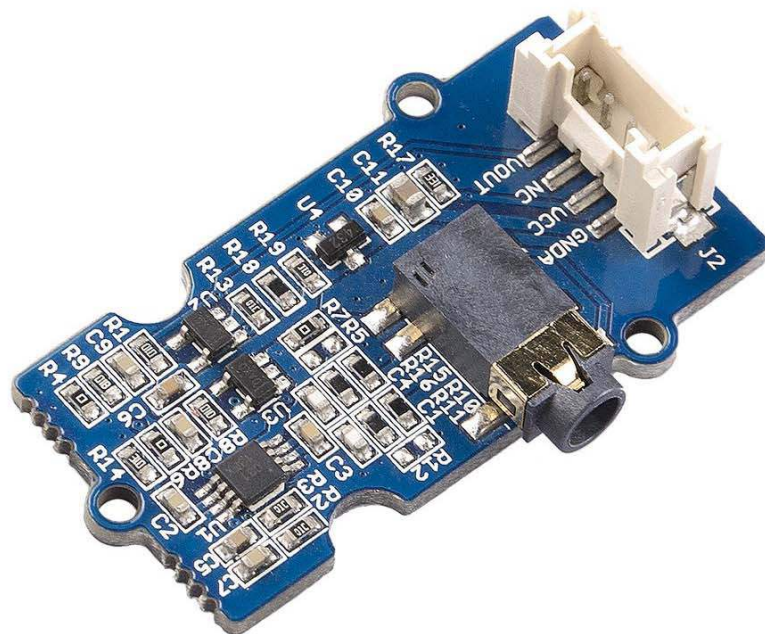
Dimensions	140mm x100mm x30mm
Weight	G.W 45g
Battery	Exclude

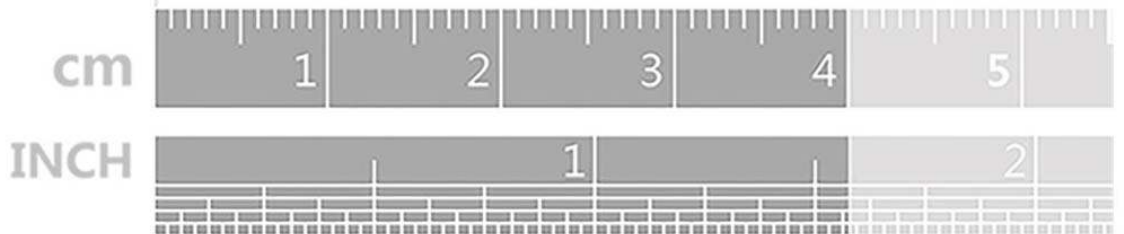
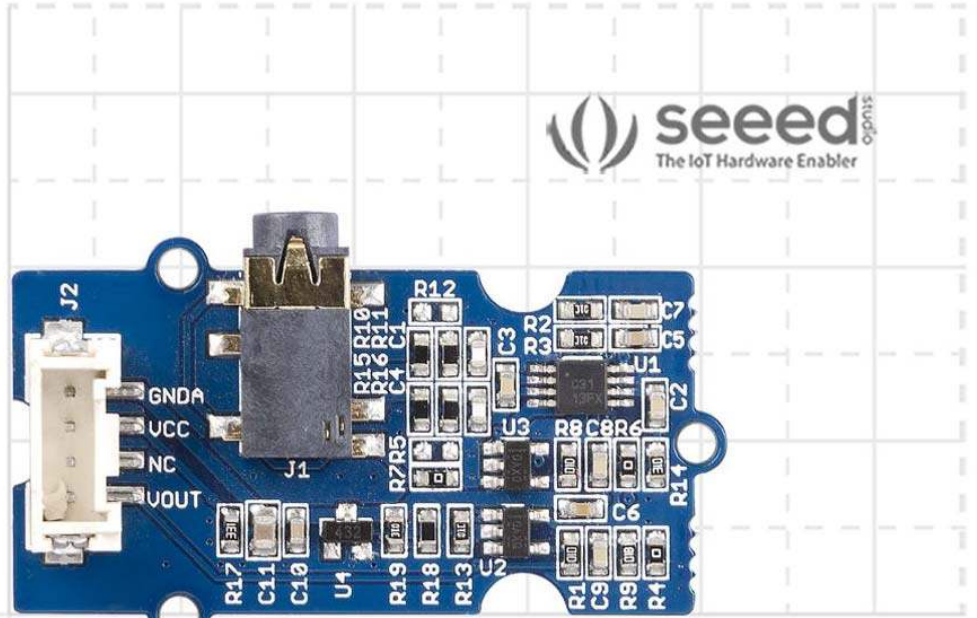
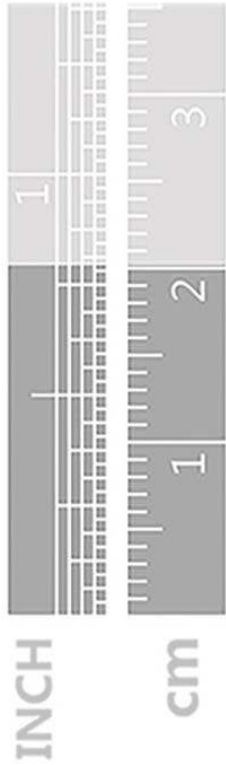
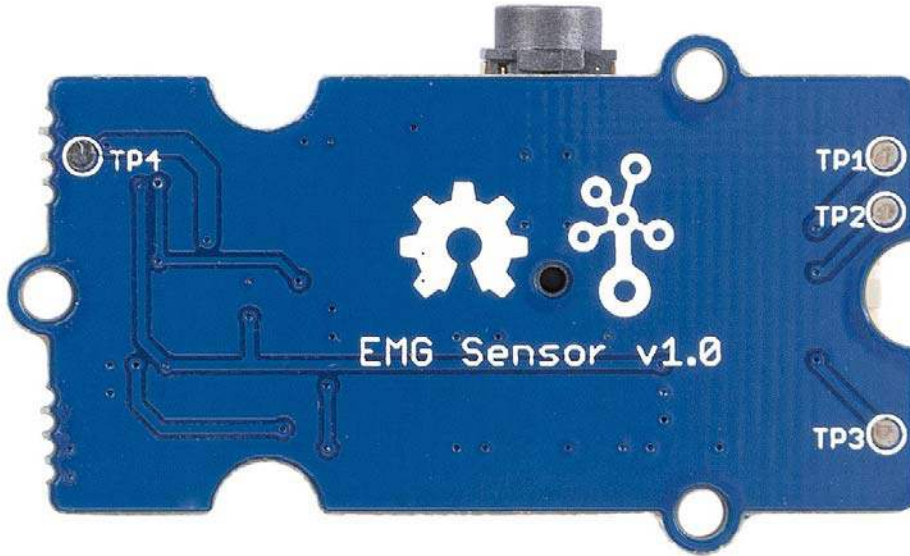
## Part List

Grove - EMG Detector	1
Grove Cable	1
One-off electrode	6
DC jacket to button connector cable 1000mm	1

## ECCN/HTS

ECCN	EAR99
HSCODE	9031900090
ROHS	1





<https://www.seeedstudio.com/Grove-EMG-Detector-p-1737.html//2-28-19>