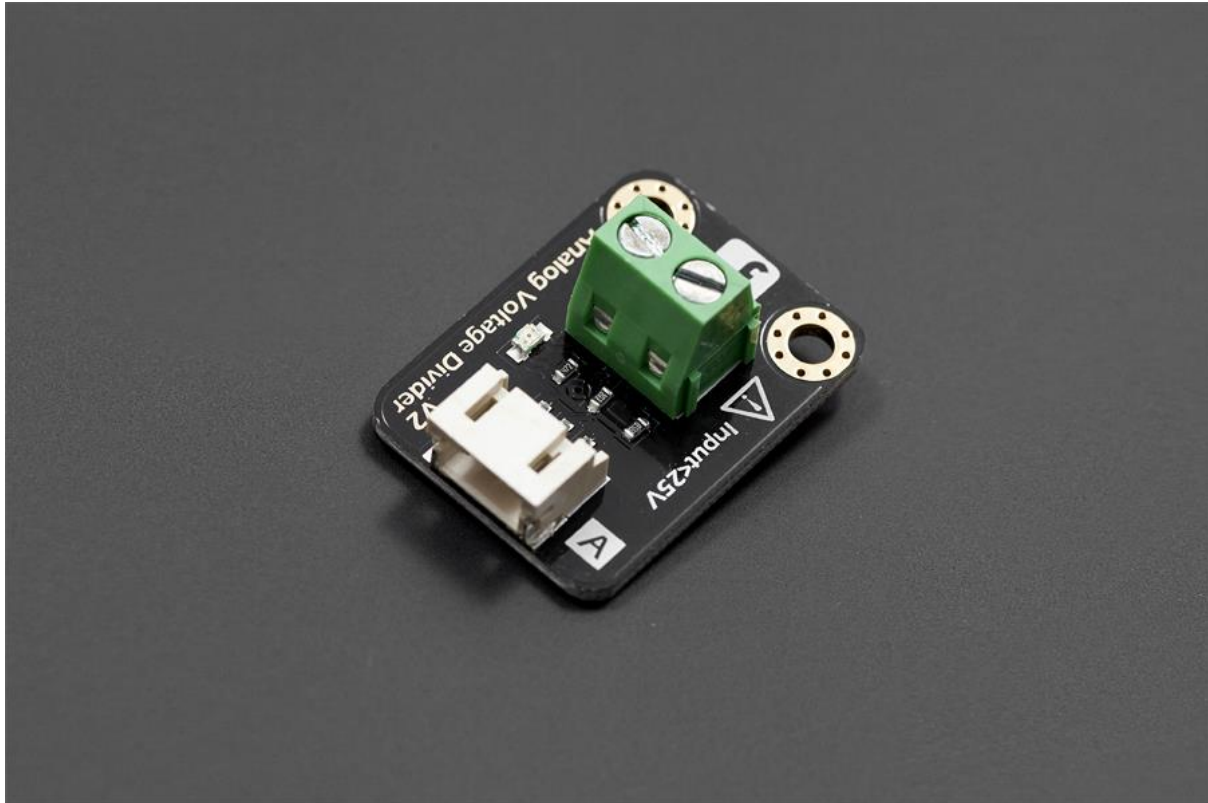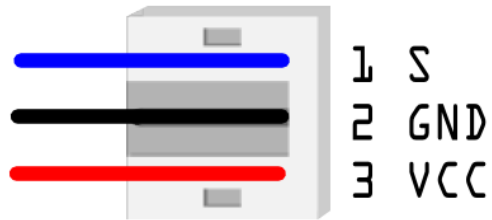# Gravity: Analog Voltage Divider V2

SKU:DFR0051

INTRODUCTION

The Analog Voltage Divider V2 can detect the supply voltage from 0.0245V to 25V. This module is based on resistor divider principle. The voltage detection module allows the input voltage to reduce 5 times. As the Arduino analog input voltage is normally maximum 5V, the input voltage of analog voltage detection module can not exceed 5Vx5 which is 25V.

Notice: The new version of analog sensor port pin mapping has been changed as the following two features.

old version

1	S
2	GND
3	VCC

new version

1	S
2	VCC
3	GND

Inprovement List

- Wide voltage range from 3.3V to 5V
- Standard assembling struct (two 3mm holes with multiple of 5cm as interval)
- Easily recognitive interfaces of sensors ("A" for analog and "D" for digital)
- Icons to simplely illustrate sensor function
- High quality connector
- Immersion gold surface

SPECIFICATION

- Interface: Analog
- Input voltage (DC): Maximum 25V, Minimum 0.0245V
- Detects the supply voltage upto 25V
- Size:22x30mm (0.87x 1.18 in)