Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
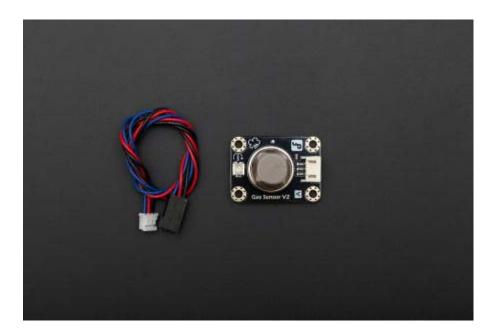

Contact us

Gravity: Analog Gas Sensor (MQ2) For Arduino

SKU:SEN0127

INTRODUCTION

This is a generic Arduino gas sensor. It has MQ2 probe which is able to detect LPG, i-butane, propane, methane ,alcohol, Hydrogen, smoke.

It can be used in gas leakage detecting device in consumer and industry markets. It has a high sensitivity and fast response time.

The sensitivity can be adjusted by the potentiometer. The output is proportional to the density of gas. You can use analog reading to read the data from this sensor.

 To ease the difficulty of using this sensor, a Gravity Interface is adapted to allow plug&play. The Arduino IO expansion shield is the best match for this senor connecting to your Arduino. As this sensor can work at 3.3V which makes it compatible with Raspberry Pi, intel edison, joule and curie.

Improvement List

- Standard assembling structure (Times-of-5mm Center distance between two 3mm mounting holes)
- 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

- Power supply needs: 5V
- Interface type: Analog
- Wide detecting scope
- Fast response and High sensitivity
- Simple drive circuit
- Stable and long life
- Size:36.4x26.6mm (1.4x1")

SHIPPING LIST

- Arduino Gas Sensor (MQ2) x1
- Gravity Analog Cable x1