

LPG, BUTANE SENSOR MQ6 BREAKOUT



Weight 10 g

DESCRIPTION

Humans can detect many scents, but can have difficulties when it comes to differentiating gases. That's why we use sensors like MQ6. It detects LPG and butane in the air. When heated to the optimum working temperature, it detects changes in air concentrations very quickly between 200 and 10000 ppm.

The DO pin stands for digital out. AO stands for analog out. The digital output is obtained by setting a threshold value using the potentiometer. The analog output will depend on the intensity of the gas around the sensor.

Product usage tips:

Preheating the sensor to the optimal working temperature takes 24 hours. The LED on the board will glow when gas is detected. It will remain off when it's not. The board has two mounting holes for easy attachment to the project. It comes with four pins that need to be soldered.

You can use the board for years due to its long life. To prevent damage to the sensor, it should not be dipped in water or frozen. Highly corrosive gases will render the sensor useless. Cooking fumes and cigarette smoke will interfere with the sensor.

FEATURES

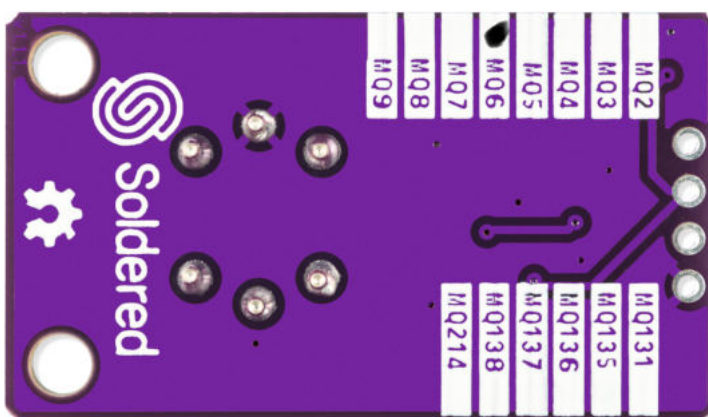
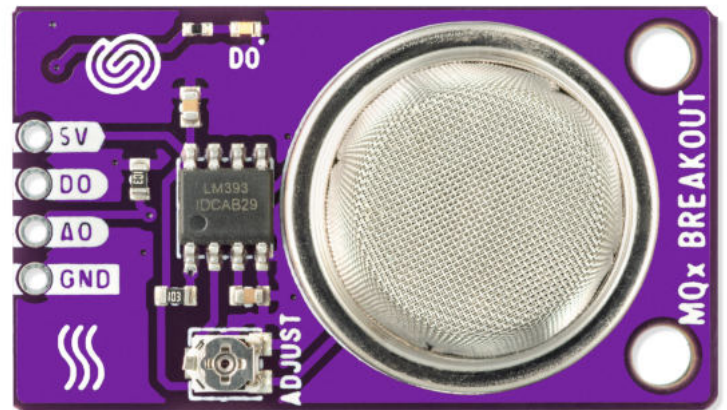
- Logic voltage level: 5V
- Operating voltage: 5V
- Operating temperature: -10°C to 50°C (14 to 122 °F)
- Gas detection: LPG (liquefied petroleum gas), butane
- Gas detection range: 200-10000 ppm

- Preheat time: 24 hours
- Mounting holes: 2
- Dimensions: 22 x 38 mm / 0.9 x 1.5 inch

USEFUL LINKS

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

OTHER IMAGES



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10 g