[RETIRED] HYDROGEN SULFIDE SENSOR MQ136 BREAKOUT

DESCRIPTION

This product is retired and we won't sell it anymore. This page is for reference only.

The MQ136 breakout board is specifically designed to use the MQ136 hydrogen sulfide (H2S) gas sensor with microcontrollers or other digital systems. The MQ136 sensor is widely used in air quality control equipment and is particularly sensitive to H2S, which is commonly found in environments where organic matter is degraded or in industrial environments.

By integrating the MQ136 sensor with the appropriate electronic circuits and microcontrollers like Dasduino, you can create systems that allow monitoring and analysis of the concentration of chemical compounds in real time, allowing you to take the necessary actions to maintain a healthy and safe environment.

The breakout board works with digital (DO) and analog signals (AO). The digital output is obtained by setting the limit value with a potentiometer. The analog output will vary depending on the intensity of the gas.

The MQ136 hydrogen sulfide measurement module operates at 5V and consumes approximately 150mA. It needs some warm-up time before it can give accurate results.

FEATURES

- Operating Voltage: 2.5V to 5.0V
- Power consumption: 150mA
- Detect/Measure: Hydrogen sulfide (H2S)
- Digital Output: 0V to 5V (TTL Logic) @ 5V Vcc

- Analog Output: 0-5V @ 5V Vcc
- Dimensions: 22 x 38 mm / 0.9 x 1.5 inch

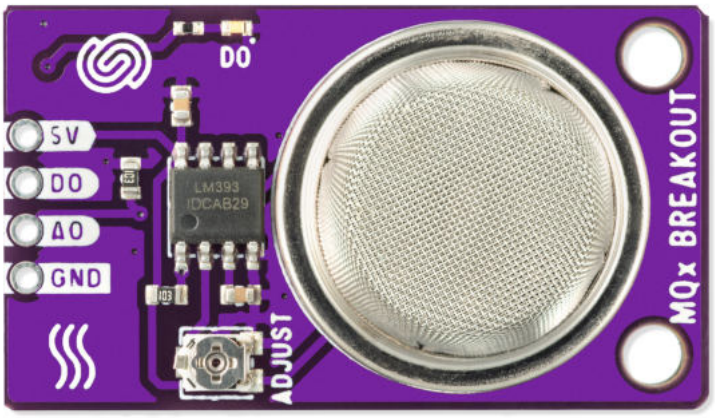
USEFUL LINKS

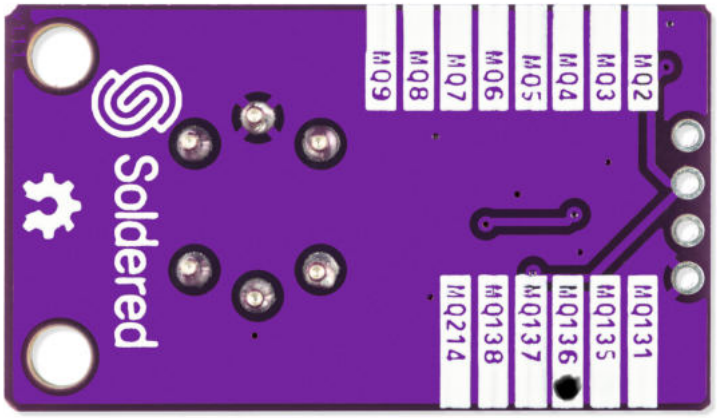
- Datasheet
- Open-Source Hardware files

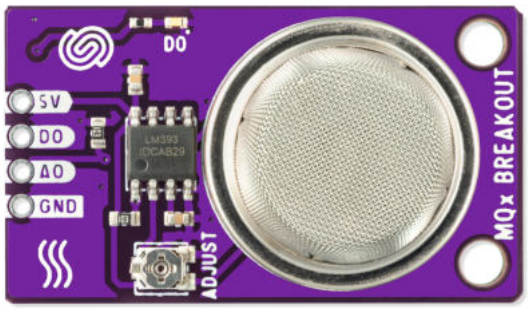
TIPS

When gas is detected, the LED will start glowing. It will remain off if it doesn't detect anything. Two mounting holes enable easy mounting to surfaces. The board comes with four male headers that need to be soldered.

OTHER IMAGES







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