SOLDERED

VOC SENSOR MQ138 BREAKOUT

Weight	10 g

DESCRIPTION

The MQ138 sensor is specifically designed to detect various gases, with a primary focus on air quality monitoring. While its main target gas is formaldehyde (HCHO), it is also sensitive to a range of other gases, including volatile organic compounds (VOCs - toulen, alcohol, acetone and hydrogen) and other harmful gases commonly found in the environment. It takes a short time to heat up in order to work correctly.

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

Product usage 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.
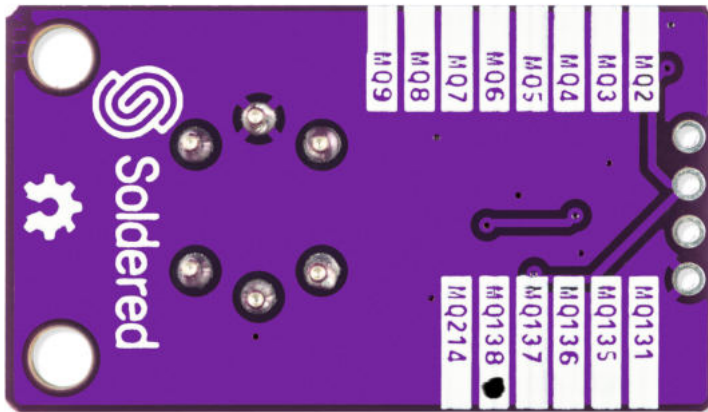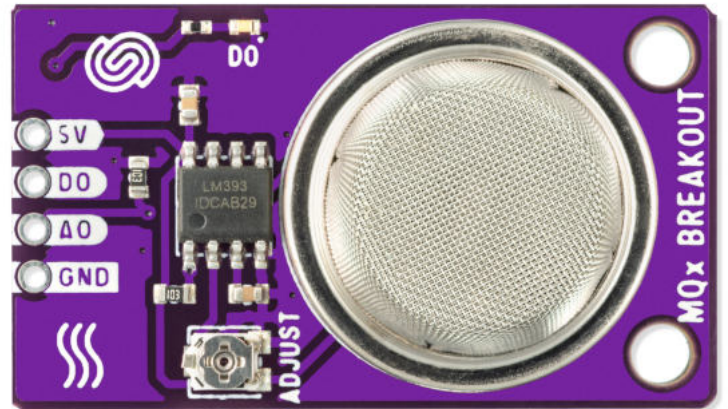
FEATURES

- Voltage: 5V
- Digital(HIGH/LOW) and analog(0V-5V) output
- With LM393 comparator
- Dimensions: 22 x 38 mm / 0.9 x 1.5 inch

USEFUL LINKS

- Pinout
- Datasheet

OTHER IMAGES

Weight	10 g

Mouser Electronics

Authorized Distributor

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