ALCOHOL, ETHANOL SENSOR MQ3 BREAKOUT

Weight 8 g

DESCRIPTION

MQ sensors, including the MQ3 sensor, have the ability to detect various gases. The MQ3 sensor is specifically designed to detect alcohol vapors. This means it is sensitive to alcohols such as methanol, ethanol, and isopropanol. The MQ3 sensor is commonly used to measure the concentration of alcohol in the air and is a useful tool for alerting to the presence of alcohol in the surrounding environment.

It is important to note that MQ sensors are not specific to only one gas and can react to other gases besides those they are specifically designed for. Therefore, it is important to use the MQ3 sensor exclusively for alcohol detection and to follow the manufacturer's instructions to achieve optimal accuracy and reliability of measurements. It requires a short heating time to function 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 in the sensor's environment.

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

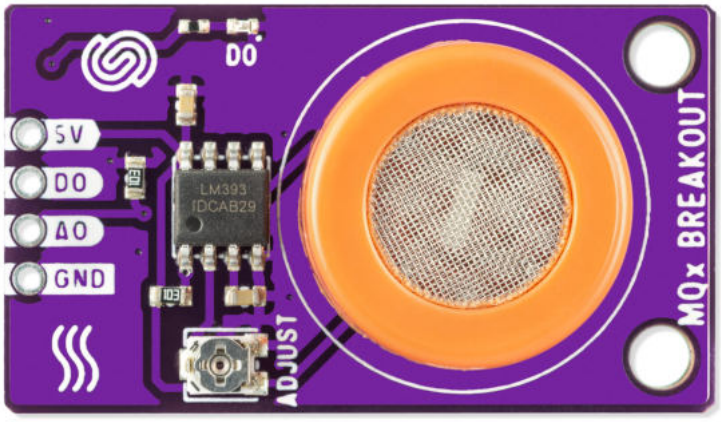
- Voltage: 5V DC
- Power: max 750mW

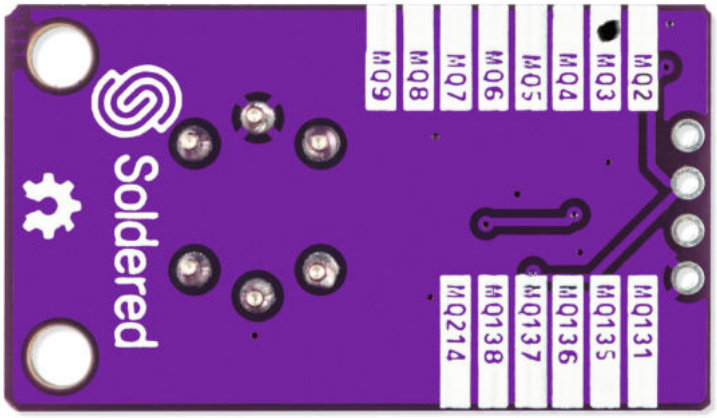
- Measurement range: 0.04-4mg/L
- Dimensions: 22 x 38 mm / 0.9 x 1.5 inch

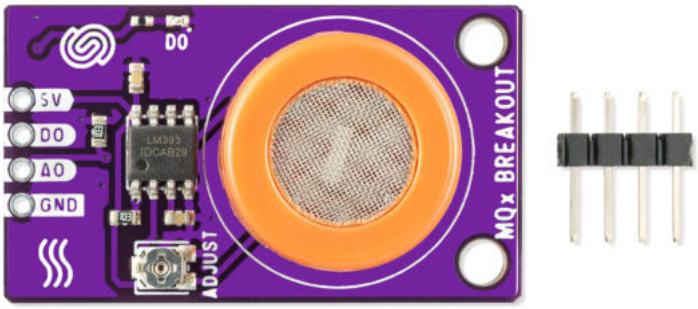
USEFUL LINKS

- Pinout
- Datasheet
- Open-Source Hardware files

OTHER IMAGES







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