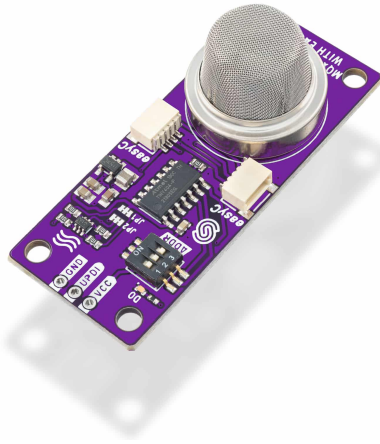




METHANE, CNG SENSOR MQ4 BREAKOUT WITH EASYC



Weight 11.10 g

Description a

DESCRIPTION

The Methane/CNG Sensor MQ4 Breakout with Qwiic offers a reliable, compact solution for detecting combustible gases like Methane (CH₄) and Compressed Natural Gas (CNG). Built around the sensitive MQ-4 sensor, the board includes an ATTiny404 MCU that converts the analog signal to a digital I²C output, simplifying integration and eliminating the need for external ADCs or complex calibration. This ready-to-use module is ideal for environmental monitoring and safety applications.

Designed for easy integration, the breakout features a 4-pin Qwiic (formerly easyC) connector, allowing solder-free connection to Qwiic-enabled development boards. The I²C interface supports multiple sensors on a single bus and works with a range of microcontrollers, from Arduino to Raspberry Pi. Low power consumption makes it suitable for battery-powered or remote monitoring systems, while the robust design ensures long-term stability in demanding environments.

Perfect for portable gas leak detectors, automated ventilation systems, or air quality monitoring stations, the MQ4 breakout provides accurate, digital gas sensing for both educational and professional projects. Simply connect via the Qwiic port to your microcontroller and start monitoring Methane and CNG immediately.

FEATURES

- Detects: CNG (compressed natural gas), methane
- Voltage: 3V3
- Output: digital
- ATTiny404 microcontroller onboard
- easyC connectors

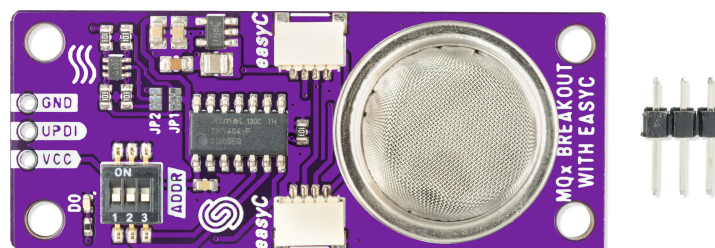
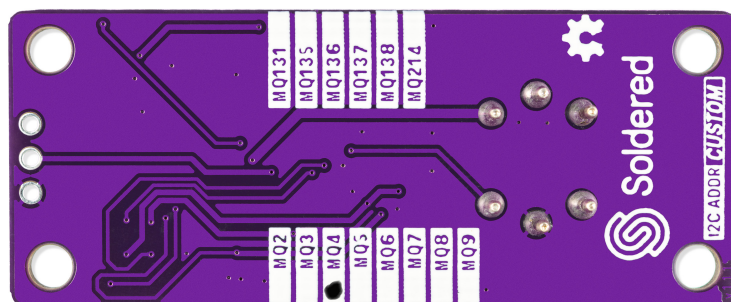
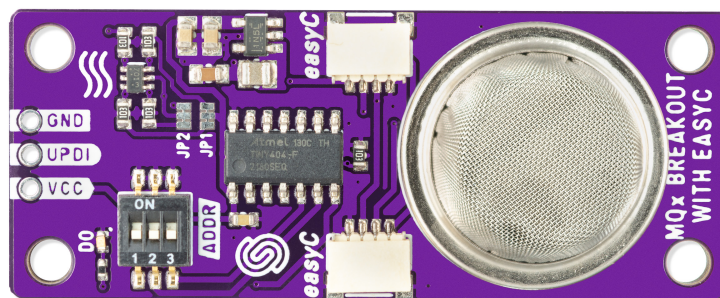
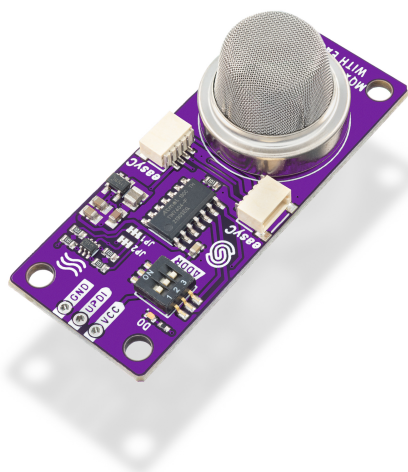


- Dimensions: 54 x 22 mm / 2.1 x 0.9 inch

USEFUL LINKS

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

OTHER IMAGES



Weight	11.10 g
Description	a