

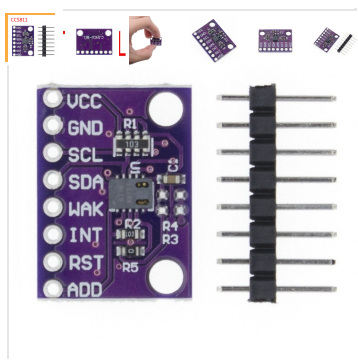
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Gas CO2 Sensor Carbon Dioxide Detection Sensor Module CCS811 CO2 eCO2 TVOC Air Quality Detecting I2C Output CJMCU-811

Price: **US \$4.99** / piece

Color:  CCS811 module

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Product Details

Item specifics

| | |
|--------------------------|-----------------------------|
| Brand Name:None | Origin:CN(Origin) |
| Usage:Gas Sensor | Material:Metal |
| Type:Vacuum Sensor | Output:Switching Transducer |
| Theory:Resistance Sensor | is_customized:Yes |
| Model Number:CCS811 | |

Product Description

Gas CO2 Sensor Carbon Dioxide Detection Sensor Module CCS811 CO2 eCO2 TVOC Air Quality Detecting I2C Output CJMCU-811

CCS811-811 air quality monitoring Digital Internal gas sensor

the CJMCU-811 is an ultra-low-power digital gas sensor that integrates a sensor and a CCS801-bit MCU with an analog-digital converter (ADC) for detecting indoor air quality, including carbon monoxide (CO) and a wide range of Volatile Organic compounds (VOCs).

air quality sensor CCS811 characteristics:

Ultra-low power consumption can be used in battery powered equipment

high sensitivity, fast heating

Intelligent algorithm calculates TVOC / eCO2 values

I2C signal output, direct communication with the main system

the main characteristics of the air quality sensor CJMCU-811:

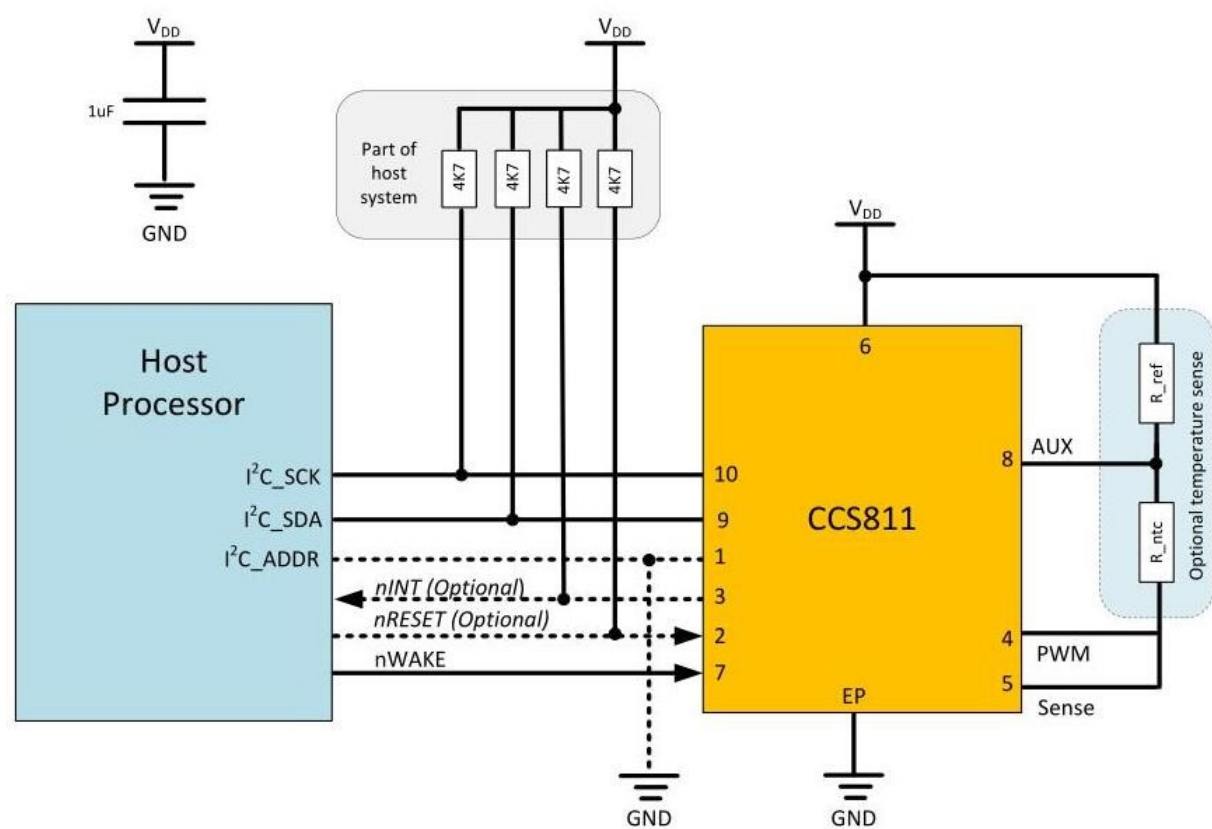
metal oxide (MOX) sensors to monitor indoor air quality

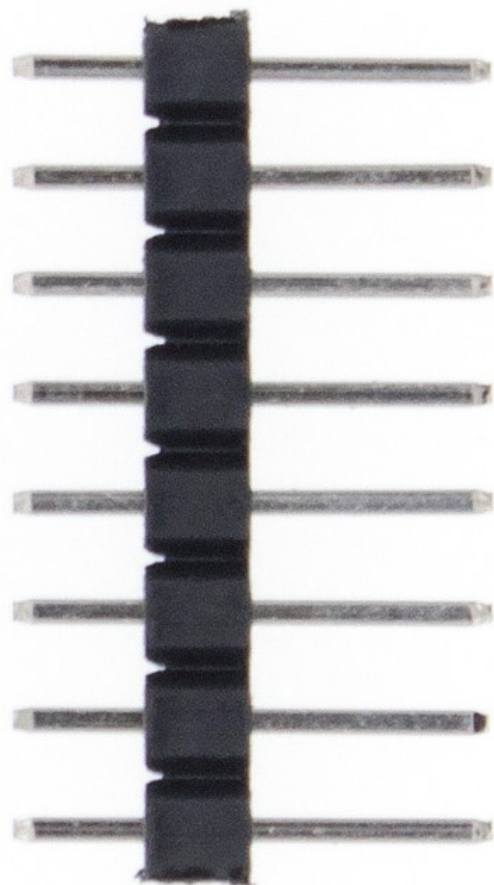
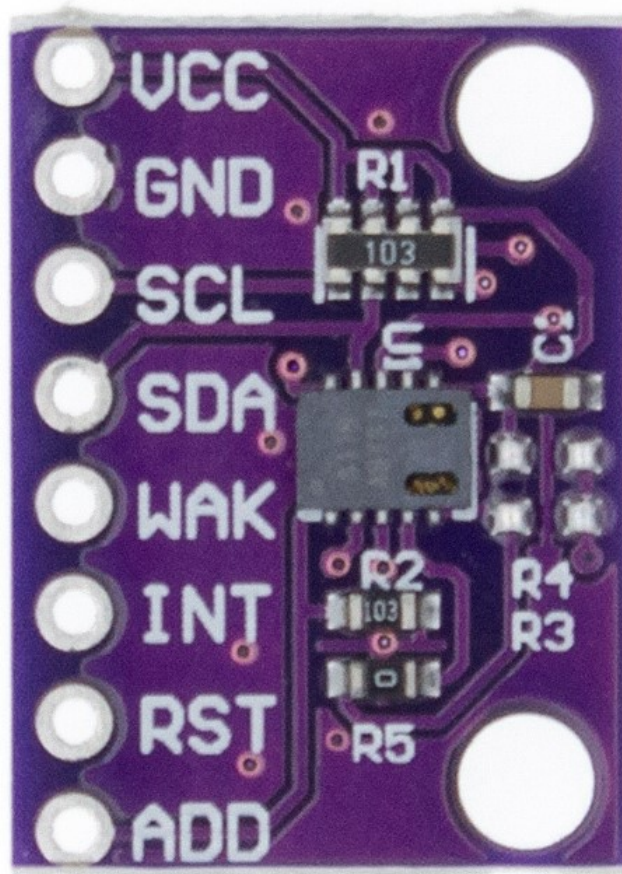
a-bit MCU is integrated to perform the \first-level algorithm

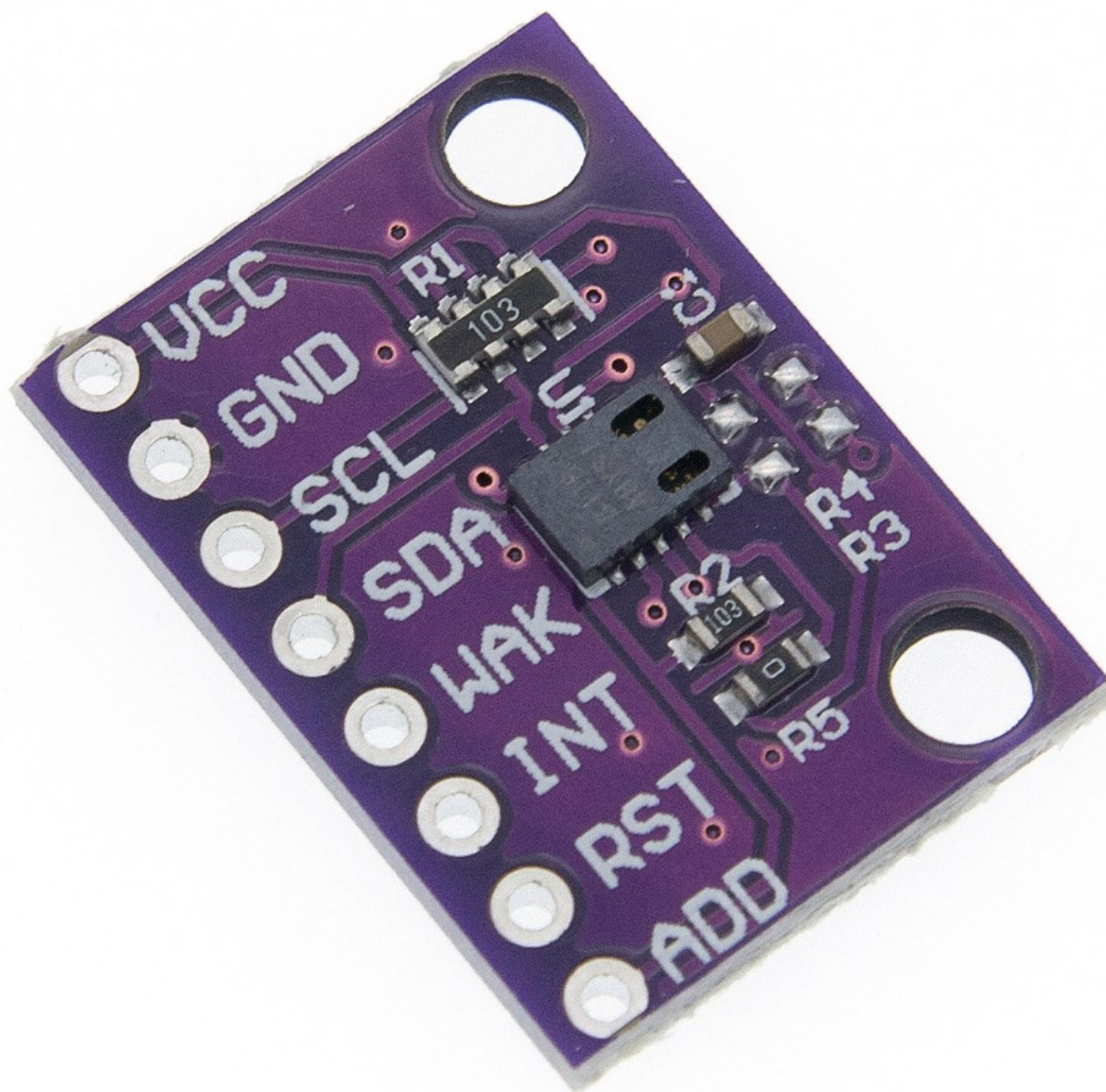
adc built in for sensor readings and digitized conversions

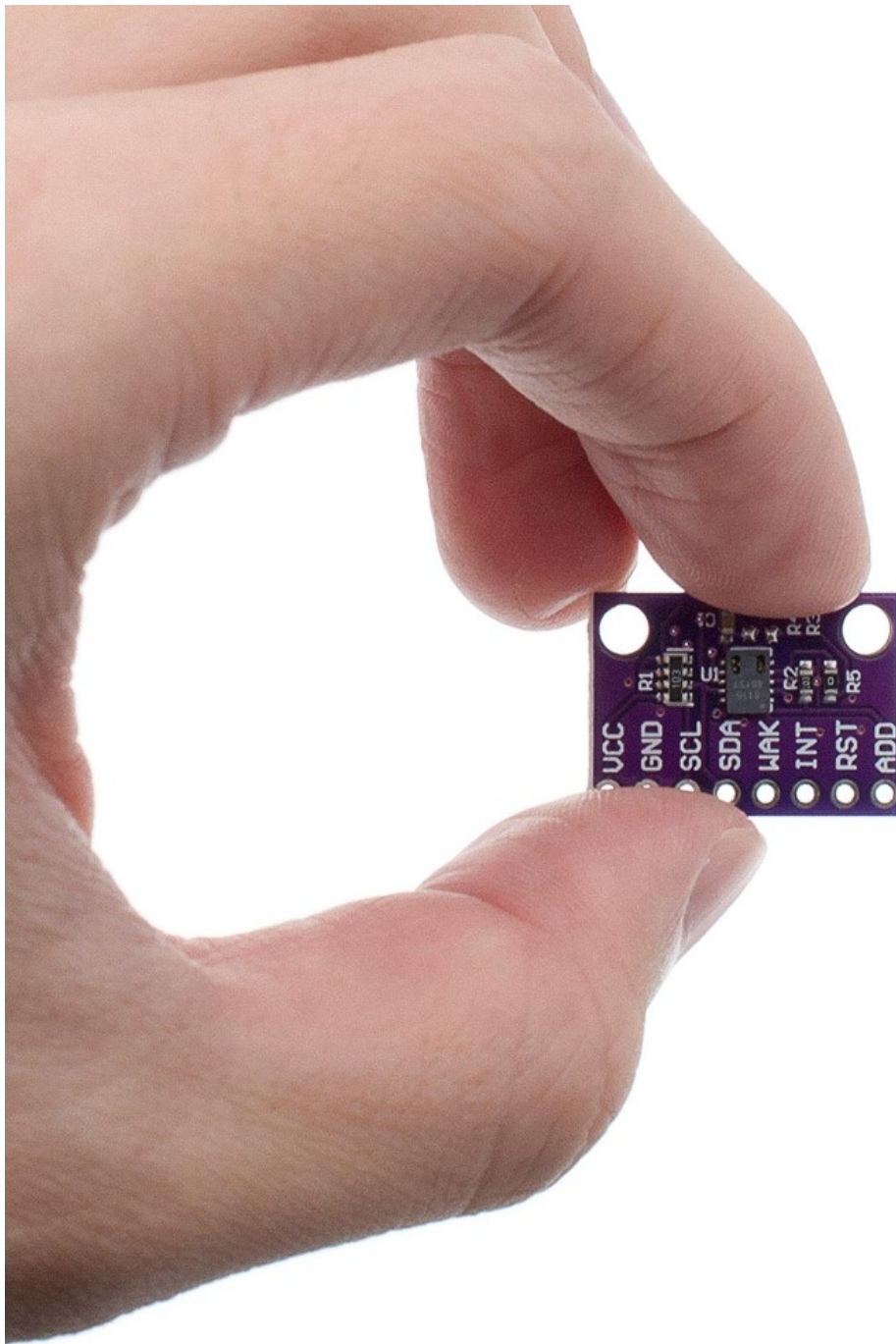
I2C slave interface can be connected directly to the master control system

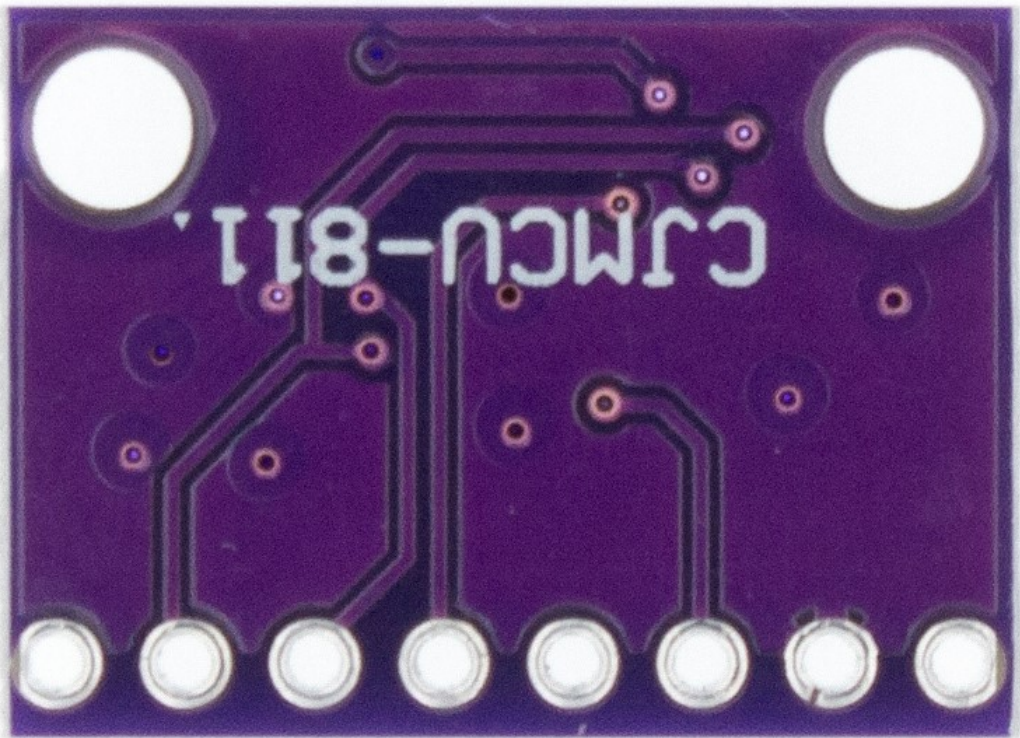
Reset / interrupt control

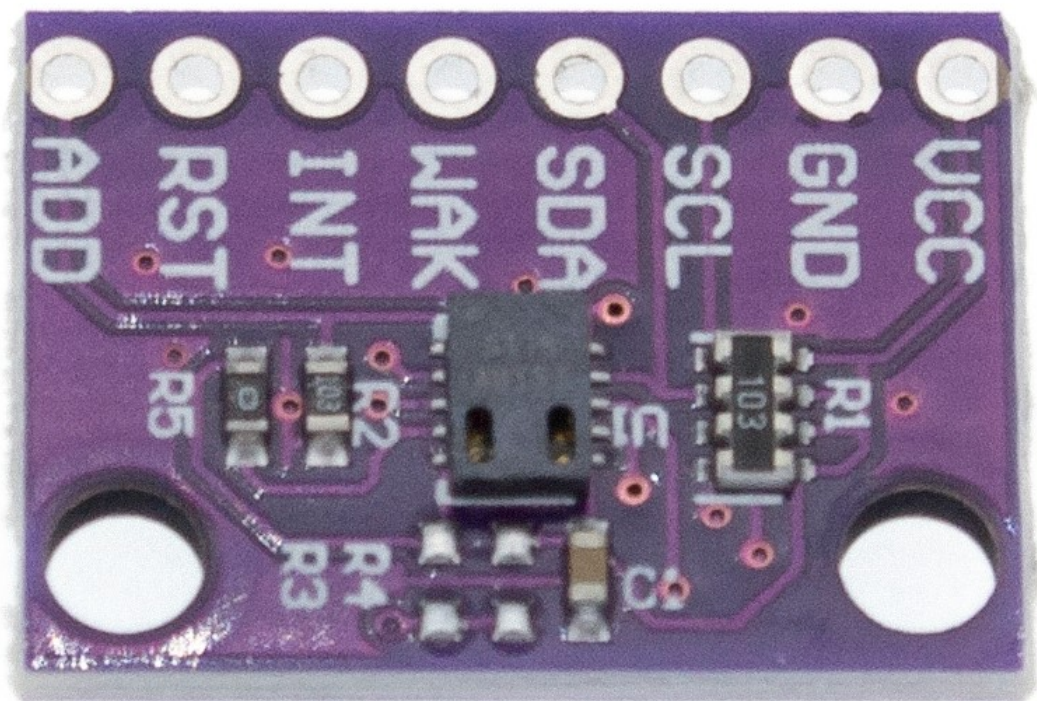












Packaging Details

Unit Type:piece

Package Weight:0.025kg

Package Size:3cm x 2cm x 2cm

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