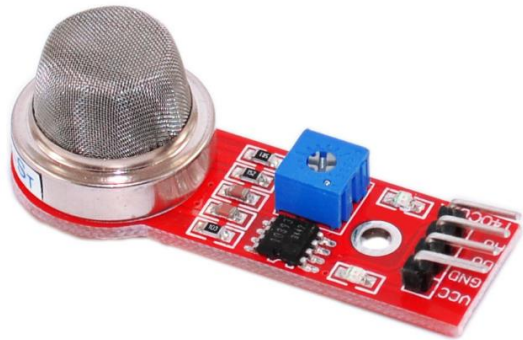# LM393 MQ-135 DC 5 V Air Qulity Pollution Sensor Harmful Gas Red Module for NH3 Arduino

Product Description

1. Good sensitivity of harmful gases with wide range of concentration

2. Long service life, low cost, simple driving circuit.

3. High sensibility over ammonia gas, sulfide, benzene series vapor, also ideal for smoke and other harmful substance detection.

4. Household air pollution alarm

5. Industrial air pollution controlle

6. Portable air pollution detector

Description:

- The module have two output : analog and digital signals, microcontroller/ Arduino can easily get to read the sensor output and proceed the datas. When Use this module we need to adjust the sensitivity that can make sensor's inductive and indicating signal output correctly.

- Low cost simple drive circuit can be a sensor for ammonia, sulfide, benzene, high sensitivity steam, smoke and other harmful monitoring is also very desirable. This sensor can detect a variety of harmful gases.

- How to use :
  After powering up, we need to rotate the trimpot to adjust sensitivity value, normally adjust to the on-and-off threshold point of the LED light and keep it in off state. At this moment, the sensor is in high sensitivity, even if there is only a little amount of harmful gas being detected, there will be signal from indicator light. Of course, you can adjust the sensitivity according to specific need.