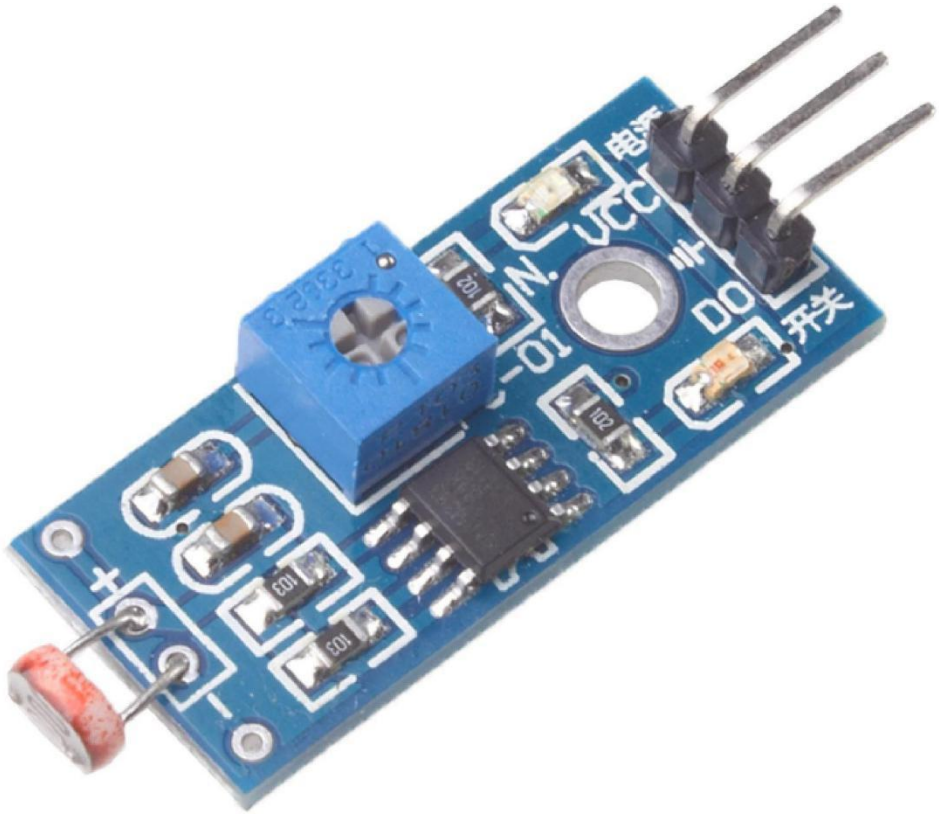

Use:

Light brightness detection, light brightness sensor, smart car light-seeking module

Module Features:

1. Using sensitive photoresistor sensor
2. Comparator output, clean signal, good waveform, strong driving ability, more than 15mA.
3. Equipped with an adjustable potentiometer to adjust the brightness of the detected light
4. Working voltage 3.3V-5V
5. Output form: digital switch output (0 and 1)
6. With fixing bolt holes for easy installation
7. Small board PCB size: 3.2cm x 1.4cm

8.Use wide voltage LM393 comparator

Module Instructions

1. The photoresistor module is most sensitive to ambient light, and is generally used to detect the brightness of the ambient light and trigger the microcontroller or relay module, etc.;

2. When the ambient light brightness of the module does not reach the set threshold, the DO terminal will output a high level, and when the ambient light brightness exceeds the set threshold, the DO terminal will output a low level;

3. The DO output terminal can be directly connected to the single-chip microcomputer, and the high and low levels are detected by the single-chip microcomputer, thereby detecting the change of the light brightness of the environment;

4. The DO output terminal can directly drive the relay module of our shop, which can form a light-controlled switch.

Product wiring instructions:

1. VCC is connected to the positive pole of the power supply 3.3-5V

2. GND is connected to the negative pole of the power supply

3. DO TTL switch signal output