

LM393 IR Infrared Flame Fire Sensor Module Board 760nm-1100nm For Arduino

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Description:

This module is sensitive to the flame, but also can detect ordinary light. Usually used as a flame alarm. On board, digital output interface can be directly connected with the microcontroller IO.

Feature:

Detects a flame or a light source of a wavelength in the range of 760nm-1100 nm

Detection angle about 60 degrees, it is sensitive to the flame spectrum.

Accuracy adjustable

Operating voltage 3.3V ~ 5V

Output

-Analog voltage output

-Digital switch outputs (0 and 1)

With a mounting screw hole

Power indicator (red) and digital switch output indicator (green)

Comparator chip LM393, it is stable

Flame detection distance, lighter flame test can be triggered within 0.8m, if the intensity of flame is high, the detection distance will be increased.

Interface(4-wire):

VCC: 3.3V ~ 5V

GND: GND

DO: board digital output interface (0 and 1)

AO: board analog output interface

Size: 3.2 x 1.9cm

Note:

Please keep a distance with flame, high temperature maybe burn out the sensor module.

Package included:

1 x Flame sensor module