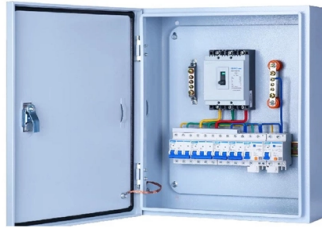


UV Light Detection Module



Overview

The module includes an LM358 dual op amp which converts the current output of the sensor to a voltage and then amplifies that output so that it can be read by the analog input on an MCU for taking UV readings. The first stage op amp. The module includes an LM358 dual op amp which converts the current output of the sensor to a voltage and then amplifies that output so that it can be read by the analog input on an MCU for taking UV readings. The first stage op amp outputs a voltage proportional to $4.3 \times \text{sensor photocurrent in } \mu\text{A}$. If the photocurrent is $0.1\mu\text{A}$ ($0.09\text{mW}/\text{cm}^2$), then t. The module brings out the following connections. 1 x 3 Header 1. SIG or SIO= Signal Output – Connect to MCU analog input 2. GND= Ground 3. VCC= 2.7V to 5.5V. Connect to Vcc of the MCU (typically 3.3 or 5V)The module ships with the male header strip loose. The header can be soldered to the top or bottom of the module depending on the planned use or wires can be used to make the connections. For breadboard use, we put the headers on the bottom. Soldering is easiest if the header is inserted into a solderless breadboard to hold it in position during th.



Article Content

Interfacing UVM30A UV Sensor Module with Arduino

Introduction Are you looking for a way to measure UV radiation levels in your environment? Look no further than the UVM30A UV sensor module, which can easily be interfaced

ML8511 UV Sensor Hookup Guide

The ML8511 sensor breakout is an easy to use ultraviolet light sensor. The MP8511 UV Sensor outputs an analog signal in relation to the amount of UV

Buy CJMCU-GUVA-S12SD Ultraviolet UV Detection

CJMCU-GUVA-S12SD Ultraviolet UV Detection Sensor Module Light Sensor Module is suitable for detecting the UV radiation in sunlight. It can be used in any

HALJIA UVM-30A UV Sensor Module Detector for

Working temperature: -20°C-85°C Size:28*13*10mm (L*W*H) Fast response and full interchangeability Linear voltage signal output Small size, suitable for portable

Amazon : Uv Sensor

REES52 GUVA-S12SD UV Detect Sensor Ultraviolet Light Sensor Module S12SD Light Sensor Wavelength Detection Range 240nm-370nm 130 Degrees Large Angle Detection

Detectors

Thorlabs' photodetectors are capable of detecting light throughout the UV, VIS, NIR, IR, and THz spectral regions. Our photodetectors feature sensors that enable

Ultraviolet UV Ray Detection Module - GY-ML8511

The Ultraviolet UV Ray Detection Module outputs an analog signal relative to the amount of UV light detected. The GY-ML8511 sensor can detect a UV light

Gravity: LTR390 UV Light Sensor Ultraviolet / Visible

With built-in ADC and MCU, this UV module can convert light data to a digital

GUVA-S12SD UV Light Sensor Module

The GUVA-S12SD UV Light Sensor Module is an analog UV light to voltage converter for measuring the intensity of UV light.

Using The UV Ray Detection Module GY-ML8511 with

The GY-ML8511 module has a built-in ultraviolet light sensor. The module outputs an analog signal in relation to the amount of UV light detected.

UV LIGHT SENSOR GUVA-S12SD MODULE

Use this analogue UV sensor module extends to extend your light sensing spectrum. Its UV photodiode will detect light ranging from 240-370 nm (thus including UVB and most of the UVA spectrum).

KitsGuru ML8511 UVB UV Rays Sensor Breakout Test Module

The ML8511 breakout is an easy to use ultraviolet light sensor. The MP8511 UV (ultraviolet) Sensor works by outputting an analog signal in relation to the amount of UV light that is detected.

Analog 200nm-370nm UV Detection Sensor Module

Operating voltage: 3.3V-5V; output voltage: DC 0-1V (corresponding to UV index 0-10 level). Response time: less than 0.5 seconds; Operating current: 0.06mA

Amazon : Uv Sensor

SpotMyUV UV Detection Stickers for Sunscreen with Patented Dermatruue SPF Sensing Technology, Know When to Reapply Sunscreen to Help Prevent

Buy 3v Module DC3.-5V UV (DC3.3V Detection)

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We believe in the power of science to transform our world. Together with scientists and operators worldwide, we empower progress by providing trusted insights and

UV Sensors Selection Guide: Types, Features,

Specifically, UV sensors measure the power or intensity of incident ultraviolet (UV) radiation, typically between 320 and 380 nm. They detect

uv_koth0022e07

Hamamatsu offers a wide range of detectors, including Si photodiodes, Si APDs and CCD/CMOS image sensors, as well as modules equipped with these detectors. They can be customized to support

arduino M378 ML8511 UVB UV Rays Sensor Breakout Test Module

Buy arduino M378 ML8511 UVB UV Rays Sensor Breakout Test Module Detector Electronic Components Electronic Hobby Kit for Rs. online. arduino M378 ML8511 UVB UV Rays Sensor

RAK12019: UV Light Detector, UV Sensor Module, UV

RAK12019 UV detector sensor Arduino module is a UV light detector. Use it in greenhouse control applications to protect your plants from UV light exposure or

UV sensors and sensor modules

I want to continue my series about light, gesture, motion and distance sensors with this post about UV sensors, i.e. sensors for ultraviolet radiation. A

Amazon : Uv Sensor

2PCS 3.3V-5V UV Inspection Sensor Module Detection 200-370nm Light UV Intensity Sensor Detection Ultraviolet Light Board for Arduino Add to cart

UVM-30A UV Sensor Detector Module for Arduino

It controls the grading standards of the World Health Organization UV Index. The UV Sensor is used for detecting the intensity of incident ultraviolet (UV) radiation.

GUVA-S12SD UV Sensor Module: UV Detection

The GUVA-S12SD UV sensor module is designed to detect ultraviolet light intensity within the 240-370nm range, making it ideal for various scientific and educational

Contact Us

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