

Consumer Electronics

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Ambient Light Sensitive Module Ambient Light Sensor

Ambient Light Sensitive Module

Part No: **ACM
 AMBIENT
 LIGHT
 SENSOR
 ARDUINO**

33.97 ^{ZAR} inc

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Note

: Specifications, Prices & Availability may change without notice. Images are for illustration purposes only. E&OE

Overview

- How to use:
 - Photosensitive resistor module most sensitive to environmental light intensity is generally used to detect the ambient brightness and light intensity
 - Module light conditions or light intensity reach the set threshold, DO port output high, when the external ambient light intensity exceeds a set threshold, the module DO output low
 - Digital output DO directly connected to the MCU, and detect high or low TTL, thereby detecting ambient light intensity changes
 - Digital output module DO can directly drive the relay module, which can be composed of a photoelectric switch

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- Analog output module AO and AD modules can be connected through the AD converter, you can get a more accurate light intensity values

Features

- Can detect ambient brightness and light intensity
- Adjustable sensitivity (via blue digital potentiometer adjustment)
- Operating voltage 3.3V~5V
- With fixed bolt hole for easy installation
- PCB size: 30x16mm
- Power indicator (red) and the digital switch output indicator (green)
- Using LM393 comparator chip, stable
- Output Type
 - Analog voltage output -AO
 - Digital switching outputs (0 and 1) -DO
- Pin outs:
 - External 3.3V-5V VCC
 - External GND GND
 - DO digital output interface, a small plate (0 and 1)
 - AO small board analog output interface
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