GY-906 Infrarød temperatursensor



Produktkode: 334aa
Tilgjengelighet: 5
Weight: 20.00g
Custom Field 5 (Location): S160A

Pris: kr. 170,00

Kort beskrivelse
MLX90614ESF GY-906 Infrared Contactless Thermometer Module IR Sensor For Arduino

Beskrivelse
Features and Benefits:

Bruk 3.3v

Up for sale is a MELEXIS MLX90614ESF-BAA-000-TU-ND non-contact infrared thermometer for use with Arduino,

or any microcontroller that can communicate with it through it's I2C interface.

This sensor comes with a breakout board with all of the components needed for operation and two types of pins.

They are unsoldered. Please indicate if you would like one or the other soldered.

There are two solder jumpers for the I2C interface that may or may not need to be soldered depending on your application,

but will not for most uses.

Small size, low cost
Mounted on a breakout board with two types of pins
10k Pull up resistors for the I2C interface with optional solder jumpers
Easy to integrate
Factory calibrated in wide temperature range:
-40…+125°C for sensor temperature and
-70…+380°C for object temperature.
High accuracy of 0.5°C over wide temperaturerange

(0…+50°C for both Ta and To) High (medical) accuracy calibration
Measurement resolution of 0.02°C
Single and dual zone versions
SMBus compatible digital interface
Customizable PWM output for continuousreading
Simple adaptation for 8…16V applications
Sleep mode for reduced power consumption
Different package options for applications andmeasurements versatility
Automotive grade

Applications Examples:
High precision non-contact temperaturemeasurements
Thermal Comfort sensor for Mobile AirConditioning control system
Temperature sensing element for residential,
commercial and industrial building airconditioning Windshield defogging
Automotive blind angle detection
Industrial temperature control of moving parts
Temperature control in printers and copiers
Home appliances with temperature control
Healthcare
Livestock monitoring
Movement detection
Multiple zone temperature control – up to 127sensors can be read via common 2 wires
Thermal relay / alert
Body temperature measurement

Package Included:

1 x MLX90614ESF GY-906 Infrared Contactless Thermometer Module IR Sensor For Arduino

Anvendelser
https://www.hackster.io/hardyedela/diy-arduino-gy-906-infrared-thermometer-5881aa

Produktgalleri



