PIR HAT SKU:U054

NEW PIR

M5STACK

SENSOR
AS312

G36 INPUT

Description

Hat PIR is an M5StickC compatible human body induction sensor, it belongs to "Passive pyroelectric infrared detector", that detect the infrared come from the human body. When the infrared is detected, the sensor will output HIGH and last for two seconds until the next detecting round.

Notice: There exist 2 seconds delay

Product Features

Detecting Range: 500cm
Delay time: 2s
Induction Angle: < 100°
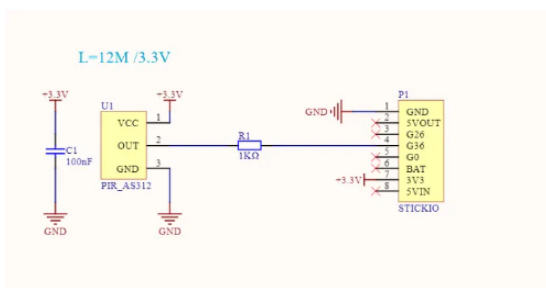IDDQ : < 60uA
Op.T: - 20 - 80 °C

Include

1x PIR Hat

Applications

Hunman body induction lamp
Security product
Auto - induction

Specification

Resources	Parameter
net weight	5g
Gross weight	12g
Product Size	24*25*20mm
Package Size	40*42*30mm

Schematic

Pin Map

M5StickC	GPIO36	5V	GND
HAT PIR	OUT	5V	GND

EasyLoader

EasyLoader is a concise and fast program writer, which has a built-in case program related to the product. It can be burned to the main control by simple steps to perform a series of function verification. Please install the corresponding driver according to the device type. M5Core host Please click here to view the CP210X driver installation tutorial, M5StickC/V/T/ATOM series can be used without driver)

Example

1. Arduino

Please click here to get complete code

2. UIFlow

Open http://flow.m5stack.com and click Demo to load