

IRDA TX/RX 0.1152Mbps 2.5V/3.3V 8-Pin T/R

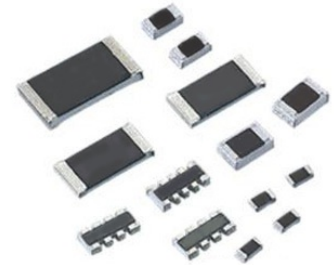
Manufacturer: [Sharp Electronic Components](#)

Package/Case: SMD

Product Type: Infrared Data Communications

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

The GP2W0110YPSF is a versatile sensor IC designed to detect the presence of an object or a person in close proximity and measure the ambient light level in the environment. It uses infrared (IR) light for proximity sensing and photodiodes for ambient light sensing.

Key Features

Proximity Sensing: The GP2W0110YPSF utilizes infrared light to detect the presence of an object or an obstacle in its close proximity. It can measure the distance or reflectivity of the object based on the reflected IR light.

Ambient Light Sensing: The module includes photodiodes that can measure the ambient light level in the environment. This feature is useful for adjusting the brightness of displays, backlights, or other lighting systems based on the surrounding light conditions.

Compact Size: It comes in a compact package, making it easy to integrate into various electronic devices and applications.

Integrated Circuit: The IC typically includes integrated signal processing circuitry to convert the sensor outputs into meaningful distance or illuminance values.

Low Power Consumption: It is designed for low power consumption, making it suitable for battery-operated devices.

Application

Mobile
Devices

Human
Interface
Devices

Ambient Light
Control

Consumer
Electronics

Recommended For You

GP2W0004XP

Sharp Electronic Components

CLC6

GP2W0118YPS

Sharp Electronic Components

CLC-6

GP2W1002YP

Sharp Electronic Components

SMD

GP2W0112YP0F

Sharp Electronic Components

SMD-8

GP2W0004YP0F

Sharp Electronic Components

DIPSMD

GP2W0150XP0F

Sharp Electronic Components

SMD

GP2W0112YP

Sharp Electronic Components

SMD

GP2W0118YP0F

Sharp Electronic Components

sop

GP2W0004XP0F

Sharp Electronic Components

SMD

GP2W0116YPS

Sharp Electronic Components

CLC-6

GP2W3270XP0F

Sharp Electronic Components

SMD

GP2W0004YP

Sharp Electronic Components

CLCC-6

GP2W1001YP0F

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SMD

GP2W0110YPS

Sharp Electronic Components

SMD

GP2W0116YP0F

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