

GP2AP012A00F Datasheet



DiGi Electronics Part Number	GP2AP012A00F-DG
Manufacturer	Sharp Microelectronics
Manufacturer Product Number	GP2AP012A00F
Description	SENSOR OPT 555NM AMBIENT 8SMD
Detailed Description	Optical Sensor Ambient 555nm I2C 8-SMD Module

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Purchase and inquiry

Manufacturer Product Number:

GP2AP012A00F

Series:

-

Type:

Ambient

Proximity Detection:

Yes

Voltage - Supply:

1.7V ~ 3.6V

Mounting Type:

Surface Mount

Manufacturer:

Sharp Microelectronics

Product Status:

Obsolete

Wavelength:

555nm

Output Type:

I2C

Operating Temperature:

-25°C ~ 85°C

Package / Case:

8-SMD Module

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.49.1050

ECCN:

EAR99

GP2AP012A00F

Description:	Proximity sensor and ambient light sensor combined in a single package featuring an I ² C interface. IRED LED output current for sensor adjustable. 4-bit ADC conversion time 100 ms. (Typical values)
Family:	GP2AP012A00F
Icc:	45 μ A
Illuminance Range Ev:	0.1 to 130,000 lx
Peak Sensitivity:	540 nm, ALS section; 940 nm, Proximity Sensor section
RoHS:	Yes
Status:	Production
Supply Voltage:	1.7 to 3.6 V
Vcc:	3.8 V

Documentation

There are no matching documents for this product or criteria.

Can't find the document you are looking for? Please contact your local [Sharp Microelectronics representative](#) for assistance.

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