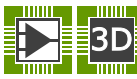



Image may be representation.
See specifications for product details.



VCNL4010-GS08

Manufacturer Part Number	VCNL4010-GS08
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-VCNL4010-GS08
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	SENSOR OPT AMBIENT SMD
Package	13-WQFN Exposed Pad
Data sheet	VCNL4010.pdf
RoHs Status	 ROHS3 Compliant

[Get a Quote](#)

VCNL4010-GS08 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VCNL4010-GS08 datasheet/specifications on AllelcoElec.com. Request a quote for VCNL4010-GS08, please send us email: info@allelco.com

Specifications

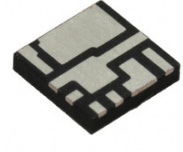


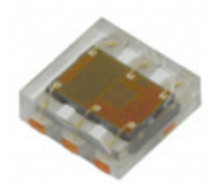
VCNL4010-GS08 Tech Specifications

VCNL4010-GS08 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Package / Case	13-WQFN Exposed Pad
Wavelength	-	Package	Tape & Reel (TR)
Voltage - Supply	2.5V ~ 3.6V	Output Type	I ² C
Type	Ambient	Operating Temperature	-25°C ~ 85°C
Supplier Device Package	SMD	Mounting Type	Surface Mount
Series	-	Base Product Number	VCNL4010
Proximity Detection	Yes		

Parts with Similar Specifications

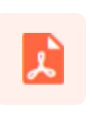
The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VCNL4010-GS08

Product Attribute				
Part Number	VCNL4010-GS08	TSL253R-LF	VCNL36687S	TSL25711FN
Manufacturer	Vishay Semiconductor Opto Division	ams OSRAM	Vishay Semiconductor Opto Division	ams OSRAM
Package / Case	13-WQFN Exposed Pad	Radial - 3 Leads	8-SMD Module	6-WDFN
Operating Temperature	-25°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C (TA)	-30°C ~ 70°C
Base Product Number	VCNL4010	-	VCNL36687	TSL25711
Series	-	-	-	-
Voltage - Supply	2.5V ~ 3.6V	2.7V ~ 5.5V	1.65V ~ 1.95V	2.6V ~ 3.6V
Wavelength	-	635nm	-	625nm
Type	Ambient	Ambient	Ambient	Ambient
Output Type	I ² C	Voltage	I ² C	I ² C
Proximity Detection	Yes	No	Yes	No
Supplier Device Package	SMD	-	Module	6-ODFN (2x2)
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Through Hole, Right Angle	Surface Mount	Surface Mount

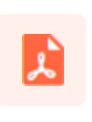
VCNL4010-GS08 Datasheet PDF

Download VCNL4010-GS08 pdf datasheets and Vishay Semiconductor Opto Division documentation for VCNL4010-GS08 - Vishay Semiconductor Opto Division.

Datasheets

 [VCNL4010.pdf](#)

PCN Assembly/Origin

 [VCNL Series 18/Apr/2019.pdf](#)

HTML Datasheet

 [VCNL4010.pdf](#)

Customers Also Interested in

Recommended Products



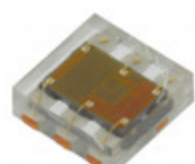
TSL253R-LF

ams OSRAM
SENSOR OPT 635NM AMB RADIAL
3PIN



VCNL36687S

Vishay Semiconductor Opto
Division
SENSOR OPT AMBIENT MODULE



TSL25711FN

ams OSRAM
SENSOR OPT 625NM AMBIENT
6ODFN



GP2AP02VT20F

SHARP/Socle Technology
SENSOR TIME-OF-FLIGHT VCSEL



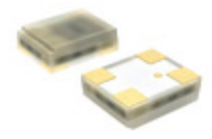
VCNL4020-GS08

Vishay Semiconductor Opto
Division
SENSOR OPT AMBIENT SMD



VCNL4040M30E

Vishay Semiconductor Opto
Division
SENSOR OPT 550NM AMBIENT 8SMD



MAX44000GDT+

Analog Devices Inc./Maxim Integrated
SENSOR OPT AMBIENT 60-OTDFN

NJL7502R-TE1

Nisshinbo Micro Devices Inc.
AMBIENT LIGHT SENSOR

VCNL4200

Vishay Semiconductor Opto Division
SENSOR OPT 550NM AMBIENT 10SMD

LTR-303ALS-01

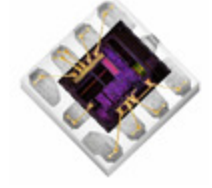
Lite-On Inc.
SENSOR OPT AMBIENT 6DFN

NJL7502L

Nisshinbo Micro Devices Inc.
AMBIENT LIGHT SENSOR

GA1A1S201WP

Sharp Microelectronics
SENSOR OPT 555NM AMBIENT 4SMD



VCNL4040M30E

Electro-Films (EFI) / Vishay

VCNT2020

Vishay Semiconductor Opto Division
REFLECTIVE SENSOR WITH PTR OUTPU

APDS-9300-020

Broadcom Limited
SENSOR OPT 640NM AMB 6CHIPLED

BH1710FVC-TR

Rohm Semiconductor
SENSOR OPT 560NM AMBIENT 6WSOF

APDS-9190

Broadcom Limited
SENSOR OPT 850NM IR 8SMD

SI1133-AA00-GMR

Silicon Labs
SENSOR OPT 625NM/525NM AMB 10DFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com