



Image may be representation.
See specifications for product details.



VCNT2020

Manufacturer Part Number	VCNT2020
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-VCNT2020
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	REFLECTIVE SENSOR WITH PTR OUTPU
Package	4-SMD Module
Data sheet	VCNT2020.pdf
	VCNT2020.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

VCNT2020 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VCNT2020 datasheet/specifications on AllelcoElec.com.
Request a quote for VCNT2020, please send us email: info@allelco.com

Specifications

VCNT2020 Tech Specifications
VCNT2020 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	20 V	Output Type	Phototransistor
Series	-	Operating Temperature	-25°C ~ 85°C
Sensing Method	Reflective	Mounting Type	Surface Mount
Sensing Distance	0.02" (0.5mm)	Current - DC Forward (If) (Max)	100 mA
Response Time	-	Current - Collector (Ic) (Max)	20 mA
Package / Case	4-SMD Module	Base Product Number	VCNT2020

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VCNT2020

Product Attribute				
Part Number	VCNT2020	EE-SF5-B	CNB10010SL	OPB732WZ
Manufacturer	Vishay Semiconductor Opto Division	Omron Electronics Inc-EMC Div	Panasonic Electronic Components	TT Electronics/Optek Technology
Voltage - Collector Emitter Breakdown (Max)	20 V	30 V	35 V	30 V
Sensing Distance	0.02" (0.5mm)	0.197" (5mm)	0.039" (1mm)	3" (76.2mm)
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Bulk
Current - DC Forward (If) (Max)	100 mA	50 mA	50 mA	50 mA
Output Type	Phototransistor	Phototransistor	Phototransistor	Phototransistor
Response Time	-	30µs, 30µs	30µs, 40µs	-
Sensing Method	Reflective	Reflective	Reflective	Reflective
Series	-	-	-	-
Operating Temperature	-25°C ~ 85°C	-25°C ~ 80°C	-25°C ~ 85°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Through Hole	Surface Mount	Chassis Mount
Package / Case	4-SMD Module	PCB Mount	4-SMD	Module, Pre-Wired
Base Product Number	VCNT2020	EE-SF5	-	OPB732
Current - Collector (Ic) (Max)	20 mA	20 mA	20 mA	50 mA

VCNT2020 Datasheet PDF

Download VCNT2020 pdf datasheets and Vishay Semiconductor Opto Division documentation for VCNT2020 - Vishay Semiconductor Opto Division.

Datasheets

[VCNT2020.pdf](#)

HTML Datasheet

[VCNT2020.pdf](#)

PCN Assembly/Origin

[VCNT2020 21/Feb/2023.pdf](#)

Customers Also Interested in

Recommended Products



VCNL4040M3OE

EE-SF5-B

CNB10010SL

OPB732WZ

VCNL4010-GS08

ITR8307/TR8

Vishay Semiconductor Opto



Omron Electronics Inc-EMC Div

Panasonic Electronic

TT Electronics/Optek

Vishay Semiconductor Opto

Everlight Electronics Co Ltd

Division	Components	Technology	Division	OPTO INTERRUPTER
SENSOR OPT 550NM AMBIENT 8SMD	SENSR OPTO TRANS 5MM REFL TH PCB	SENSOR OPTO TRANS 1MM REFL SMD	SNSR OPTO TRANS 76.2MM REFL C-MT	SENSOR OPT AMBIENT SMD
				
GP2527T3J00F Sharp Microelectronics PHOTOINTERRUPTER REFL 0.7MM SMD	EE-SY199 Omron Electronics Inc-EMC Div SENSOR OPTO TRANS 1MM REFL SMD	RPR-220 Rohm Semiconductor PHOTOINTERRUPTER REFL 6MM 800NM	RPR-359F Rohm Semiconductor PHOTOINTERRUPTER REFL 3.5MM 800NM	VCNL4200 Vishay Semiconductor Opto Division SENSOR OPT 550NM AMBIENT 10SMD
				
ITR8307/L24/TR8 Everlight Electronics Co Ltd OPTO INTERRUPTER	GP2S40JJ000F Sharp Microelectronics PHOTOINTERRUPTER REFL 6.5MM PCB	VCNL36687S Vishay Semiconductor Opto Division SENSOR OPT AMBIENT MODULE	QRE1113GR onsemi SENSOR OPTO TRANS REFL SMD PHOTO	VCNT2020 Vishay Semiconductor Opto Division REFLECTIVE SENSOR WITH PTR OUTPU
				
				VCNL4040M30E Electro-Films (EFI) / Vishay

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.

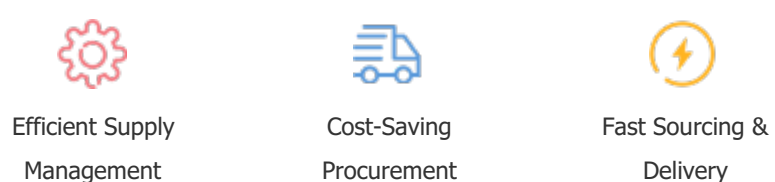
Payment Support

The payment method can be chosen from the methods shown below:

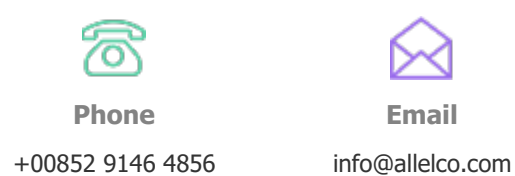
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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