



Image may be representation.  
See specifications for product details.



## TCND5000

Manufacturer Part Number	<b>TCND5000</b>
Manufacturer	<b>Vishay Semiconductor - Opto Division</b>
Allelco Part Number	32D-TCND5000
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SENSOR REFLECTIVE PIN 940NM SMD
Package	Module
Data sheet	<a href="#">TCND5000.pdf</a>
	<a href="#">TCND5000.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TCND5000 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology TCND5000 datasheet/specifications on AllelcoElec.com.  
Request a quote for TCND5000, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TCND5000 Tech Specifications  
TCND5000 - 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)
Series	-	Output Type	PIN Photodiode
Sensing Method	Reflective	Operating Temperature	-40°C ~ 85°C
Sensing Distance	0.079" ~ 0.984" (2mm ~ 25mm) ADJ	Mounting Type	Surface Mount
Response Time	800ns, 800ns	Current - DC Forward (If) (Max)	100 mA
Package / Case	Module	Base Product Number	TCND5000

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division TCND5000

Product Attribute				
Part Number	TCND5000	TCNT157M006R0200E	TCNT1000	TCNX476M035R0100
Manufacturer	Vishay Semiconductor Opto Division	KYOCERA AVX	VSHIAY	KYOCERA AVX
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Output Type	PIN Photodiode	-	-	-
Base Product Number	TCND5000	-	-	-
Current - DC Forward (If) (Max)	100 mA	-	-	-
Sensing Distance	0.079" ~ 0.984" (2mm ~ 25mm) ADJ	-	-	-
Series	-	TCN	-	TCN J-CAP
Package / Case	Module	1411 (3528 Metric)	-	2917 (7343 Metric)
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C	-55°C ~ 105°C	-	-55°C ~ 105°C
Response Time	800ns, 800ns	-	-	-
Sensing Method	Reflective	-	-	-

## TCND5000 Datasheet PDF

Download TCND5000 pdf datasheets and Vishay Semiconductor Opto Division documentation for TCND5000 - Vishay Semiconductor Opto Division.

### Datasheets

[TCND5000.pdf](#)

### PCN Design/Specification

[Epoxy Change 17/Dec/2021.pdf](#)

### HTML Datasheet

[TCND5000.pdf](#)

### PCN Assembly/Origin

[TCND5000 Resin Supplier 17/Dec/2021.pdf](#)

## Customers Also Interested in

### Recommended Products



**TCNT157M006R0200E**  
KYOCERA AVX  
CAP TANT POLY 150UF 6.3V 1411



**TCNT1000**  
VSHIAY



**TCNX476M035R0100**  
KYOCERA AVX  
CAP TANT POLY 47UF 35V 2917



**TCN75AVOA**  
Microchip Technology  
SENSOR DIGITAL -55C-125C 8SOIC



**TCNT476M016R0200**  
KYOCERA AVX  
CAP TANT POLYMER 47UF 16V 1210



**TCN75-5.0M0A**  
Micrel / Microchip Technology

**TCN75AVOA713**Microchip Technology  
SENSOR DIGITAL -40C-125C 8SOIC**TCN75AVUA**Microchip Technology  
SENSOR DIGITAL -40C-125C 8MSOP**TCN75AVUA713-TR**

Micrel / Microchip Technology

**TCN75AVUA713**Microchip Technology  
SENSOR DIGITAL -40C-125C 8MSOP**TCN75-5.0MOA**Microchip Technology  
SENSOR DIGITAL -55C-125C 8SOIC**TCN75-5.0MOA713**Microchip Technology  
SENSOR DIGITAL -55C-125C 8SOIC**TCNX476M035R0150E**KYOCERA AVX  
CAP TANT POLY 47UF 35V 2917**TCNL157M006R200**

AVX (KYOCERA AVX)

**TCN75-5.0MUA**Microchip Technology  
SENSOR DIGITAL -55C-125C 8MSOP**TCNT336M025R0250E**KYOCERA AVX  
CAP TANT POLY 33UF 25V 1411**TCN75A/E**

Micrel / Microchip Technology

**TCNX476M035R0150**KYOCERA AVX  
CAP TANT POLY 47UF 35V 2917

## 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