

Image may be representation.
See specifications for product details.



TCRT1010

Manufacturer Part Number	TCRT1010
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-TCRT1010
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SENSOR OPTO TRANS 4MM REFL THPCB
Package	PCB Mount
Data sheet	TCRT1000,1010.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TCRT1010 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology TCRT1010 datasheet/specifications on AllelcoElec.com. Request a quote for TCRT1010, please send us email: info@allelco.com

Specifications

TCRT1010 Tech Specifications

TCRT1010 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Package	Bulk
Voltage - Collector Emitter Breakdown (Max)	32 V	Output Type	Phototransistor
Series	-	Operating Temperature	-40°C ~ 85°C
Sensing Method	Reflective	Mounting Type	Through Hole, Right Angle
Sensing Distance	0.157" (4mm)	Current - DC Forward (If) (Max)	50 mA
Response Time	-	Current - Collector (Ic) (Max)	50 mA
Package / Case	PCB Mount	Base Product Number	TCRT1010

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division TCRT1010

Product Attribute				
Part Number	TCRT1010	TCRT5000L	TCRT1000	TCRT5000
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Current - Collector (Ic) (Max)	50 mA	100 mA	50 mA	100 mA
Package	Bulk	Tube	Bulk	Tube
Base Product Number	TCRT1010	TCRT5000	TCRT1000	TCRT5000
Output Type	Phototransistor	Phototransistor	Phototransistor	Phototransistor
Sensing Method	Reflective	Reflective	Reflective	Reflective
Mounting Type	Through Hole, Right Angle	Through Hole	Through Hole	Through Hole
Package / Case	PCB Mount	PCB Mount	PCB Mount	PCB Mount
Voltage - Collector Emitter Breakdown (Max)	32 V	70 V	32 V	70 V
Current - DC Forward (If) (Max)	50 mA	60 mA	50 mA	60 mA
Operating Temperature	-40°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 85°C	-25°C ~ 85°C
Sensing Distance	0.157" (4mm)	0.591" (15mm)	0.157" (4mm)	0.591" (15mm)
Response Time	-	-	-	-
Series	-	-	-	-

TCRT1010 Datasheet PDF

Download TCRT1010 pdf datasheets and Vishay Semiconductor Opto Division documentation for TCRT1010 - Vishay Semiconductor Opto Division.

Datasheets

[TCRT1000,1010.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



TCRB1C7AG6AK1A
AUTHENTEC



TCRT5000L
Vishay Semiconductor Opto Division
SENSOR OPTO TRANS 15MM REFL PCB



TCR8BM11A
TAEC Product (Toshiba Electronic Devices and Stora



TCR5SB47A
TAEC Product (Toshiba Electronic Devices and Stora



TCRB521S-30
TAK



TCR8BM11A MOS
TAEC Product (Toshiba Electronic Devices and Stora



TCR5SC33FE

TAEC Product (Toshiba Electronic Devices and Stora

TCR5SC22FE

TAEC Product (Toshiba Electronic Devices and Stora

TCRT1000

Vishay Semiconductor Opto Division
SENSOR OPTO TRANS 4MM REFL THPCB

TCR5SB47(TE85L,F)

TAEC Product (Toshiba Electronic Devices and Stora

TCR6DA1828

TAEC Product (Toshiba Electronic Devices and Stora

TCR5SB33A(T5L,F,T)

Toshiba Semiconductor and Storage
IC REG LINEAR 3.3V 150MA SMV



TCR5SC15FE

TAEC Product (Toshiba Electronic Devices and Stora

TCR5SB47

TAEC Product (Toshiba Electronic Devices and Stora

TCR5SB50

TAEC Product (Toshiba Electronic Devices and Stora

TCRT5000

Vishay Semiconductor Opto Division
SENSOR OPTO TRANS 15MM REFL PCB

TCR5SC18FE

TAEC Product (Toshiba Electronic Devices and Stora

TCR5SB33B

TAEC Product (Toshiba Electronic Devices and Stora

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

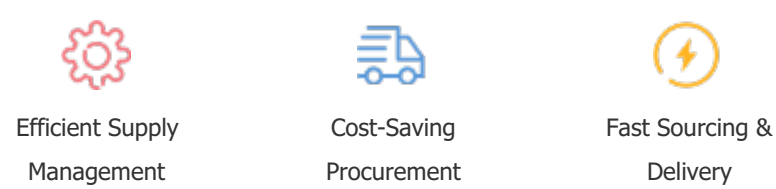
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

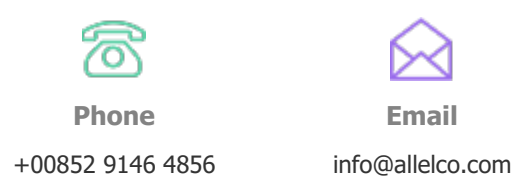
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More



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