



Image may be representation.  
See specifications for product details.



## TFDU6300-TR3

Manufacturer Part Number	<b>TFDU6300-TR3</b>
Manufacturer	<b>Vishay Semiconductor - Opto Division</b>
Allelco Part Number	32D-TFDU6300-TR3
ECAD Model	Request Free CAD Models
Parts Description	TXRX IRDA 4MBIT 2.5MM SIDE 8-SMD
Package	
Data sheet	<b>TFDU6300.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TFDU6300-TR3 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology TFDU6300-TR3 datasheet/specifications on AllelcoElec.com. Request a quote for TFDU6300-TR3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TFDU6300-TR3 Tech Specifications

TFDU6300-TR3 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Orientation	Side View
Voltage - Supply	2.4 V ~ 3.6 V	Operating Temperature	-25°C ~ 85°C
Standards	IrPHY 1.4	Link Range, Low Power	70cm
Size	8.5mm x 3.1mm x 2.5mm	Idle Current, Typ @ 25°C	1.8 mA
Series	-	Data Rate	4Mbs (FIR)
Package	Tape & Reel (TR)	Base Product Number	TFDU6300

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division TFDU6300-TR3

Product Attribute				
Part Number	TFDU6300-TR3	<b>TFDU5307-TR1</b>	<b>TFDU6300-TR1</b>	<b>TFDU6103-TT3</b>
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Link Range, Low Power	70cm	70cm	70cm	1m
Series	-	-	-	-
Idle Current, Typ @ 25°C	1.8 mA	550 µA	2 mA	2 mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Orientation	Side View	Side View	Side View	Top View
Standards	IrPHY 1.4	IrPHY 1.4	IrPHY 1.3	IrPHY 1.4
Voltage - Supply	2.4 V ~ 3.6 V	2.7 V ~ 5.5 V	2.4 V ~ 3.6 V	2.4 V ~ 5.5 V
Data Rate	4Mbs (FIR)	1.152Mbs (MIR)	4Mbs (FIR)	4Mbs (FIR)
Base Product Number	TFDU6300	TFDU5307	TFDU6300	TFDU6103
Size	8.5mm x 3.1mm x 2.5mm	8.5mm x 2.9mm x 2.5mm	8.5mm x 2.5mm x 3.1mm	9.7mm x 4.7mm x 4.0mm
Operating Temperature	-25°C ~ 85°C	-30°C ~ 85°C	-25°C ~ 85°C	-25°C ~ 85°C

### TFDU6300-TR3 Datasheet PDF

Download TFDU6300-TR3 pdf datasheets and Vishay Semiconductor Opto Division documentation for TFDU6300-TR3 - Vishay Semiconductor Opto Division.

#### Datasheets

TFDU6300.pdf

### Customers Also Interested in

#### Recommended Products

 <b>TFDU5107-TR3</b> Electro-Films (EFI) / Vishay	 <b>TFDU6102-TT1</b> Electro-Films (EFI) / Vishay	 <b>TFDU6101E-TR4</b> VIBHAY	 <b>TFDU6102-TR</b> Electro-Films (EFI) / Vishay	 <b>TFDU5107</b> Electro-Films (EFI) / Vishay	 <b>TFDU5307-TR1</b> Vishay Semiconductor Opto Division TXRX IRDA 1.152MBIT SIDE 8-SMD
 <b>TFDU6102E-TR3</b> Electro-Films (EFI) / Vishay	 <b>TFDU6102</b> Electro-Films (EFI) / Vishay	 <b>TFDU6100-TR3</b> TEMIC	 <b>TFDU5103-TR3</b> Electro-Films (EFI) / Vishay	 <b>TFDU6102F-TR3</b> Electro-Films (EFI) / Vishay	 <b>TFDU6300-TR1</b> Vishay Semiconductor Opto Division TXRX IRDA

## 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.

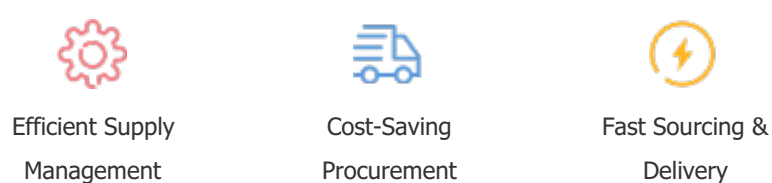
### Payment Support

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

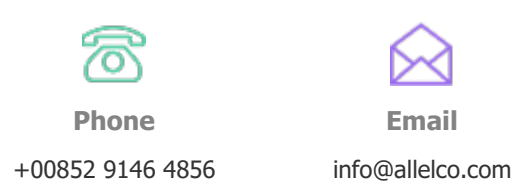
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Phone  
+00852 9146 4856

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info@allelco.com

### Certifications & Memberships



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