



Image may be representation.  
See specifications for product details.



## CNY17-3X007

Manufacturer Part Number	<b>CNY17-3X007</b>
Manufacturer	<b>Vishay Semiconductor - Opto Division</b>
Allelco Part Number	32D-CNY17-3X007
ECAD Model	Request Free CAD Models
Parts Description	OPTOISO 5KV TRANS W/BASE 6SMD
Package	6-SMD, Gull Wing
Data sheet	<b>CNY17.pdf</b>
	<b>CNY17.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

CNY17-3X007 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology CNY17-3X007 datasheet/specifications on AllelcoElec.com.  
Request a quote for CNY17-3X007, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

CNY17-3X007 Tech Specifications

CNY17-3X007 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Output Type	Transistor with Base
Voltage - Output (Max)	70V	Operating Temperature	-55°C ~ 110°C
Voltage - Isolation	5000Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.39V	Mounting Type	Surface Mount
Vce Saturation (Max)	400mV	Input Type	DC
Turn On / Turn Off Time (Typ)	3µs, 2.3µs	Current Transfer Ratio (Min)	100% @ 10mA
Supplier Device Package	6-SMD	Current Transfer Ratio (Max)	200% @ 10mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	2µs, 2µs	Current - DC Forward (If) (Max)	60 mA
Package / Case	6-SMD, Gull Wing	Base Product Number	CNY17
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division CNY17-3X007

Product Attribute				
Part Number	CNY17-3X007	<b>CNY17-3X006</b>	<b>CNY17-3X007T</b>	<b>CNY17-4</b>
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Lite-On Inc.
Package	Tube	Tube	Tape & Reel (TR)	Tube
Supplier Device Package	6-SMD	6-DIP	6-SMD	6-DIP
Number of Channels	1	1	1	1
Base Product Number	CNY17	CNY17	CNY17	CNY17
Vce Saturation (Max)	400mV	400mV	400mV	300mV
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Current Transfer Ratio (Min)	100% @ 10mA	100% @ 10mA	100% @ 10mA	160% @ 10mA
Series	-	-	-	CNY17
Current - DC Forward (If) (Max)	60 mA	60 mA	60 mA	60 mA
Output Type	Transistor with Base	Transistor with Base	Transistor with Base	Transistor with Base
Turn On / Turn Off Time (Typ)	3µs, 2.3µs	3µs, 2.3µs	3µs, 2.3µs	-
Operating Temperature	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 100°C
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Current Transfer Ratio (Max)	200% @ 10mA	200% @ 10mA	200% @ 10mA	320% @ 10mA
Input Type	DC	DC	DC	DC
Rise / Fall Time (Typ)	2µs, 2µs	2µs, 2µs	2µs, 2µs	5µs, 5µs
Current - Output / Channel	50mA	50mA	50mA	150mA
Package / Case	6-SMD, Gull Wing	6-DIP (0.400", 10.16mm)	6-SMD, Gull Wing	6-DIP (0.300", 7.62mm)
Voltage - Output (Max)	70V	70V	70V	70V
Voltage - Forward (Vf) (Typ)	1.39V	1.39V	1.39V	1.45V

## CNY17-3X007 Datasheet PDF

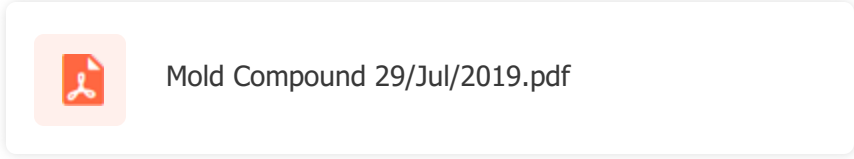
Download CNY17-3X007 pdf datasheets and Vishay Semiconductor Opto Division documentation for CNY17-3X007 - Vishay Semiconductor Opto Division.

### Datasheets

[CNY17.pdf](#)

### HTML Datasheet

[CNY17.pdf](#)



Customers Also Interested in

Recommended Products

 <b>CNY17-3X006</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-3X007T</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-4</b> Lite-On Inc. OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-4-000E</b> Broadcom Limited OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-3S(TA)</b> Everlight Electronics Co Ltd OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-3X017T</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6SMD
 <b>CNY17-3X001</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-4-300E</b> Broadcom Limited OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-4-500E</b> Broadcom Limited OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-3SR2M</b> AMI Semiconductor/onsemi	 <b>CNY17-3S</b> Lite-On Inc. OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-3M-V</b> Everlight Electronics Co Ltd OPTOISO 5KV TRANS W/BASE 6DIP
 <b>CNY17-3S-TA1</b> Lite-On Inc. OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-4</b> Everlight Electronics Co Ltd OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-3X009</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6SMD	 <b>CNY17-4</b> Vishay Semiconductor Opto Division OPTOISO 5KV TRANS W/BASE 6DIP	 <b>CNY17-3Z</b> QTC	 <b>CNY17-3SD</b> AMI Semiconductor/onsemi

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.

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**Contact us if you have any questions.**

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