



Image may be representation.
See specifications for product details.



VOM617A-3T

Manufacturer Part Number	VOM617A-3T
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-VOM617A-3T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	OPTOISOLATOR 3.75KV TRANS 4-SOP
Package	4-SMD, Gull Wing
Data sheet	VOM617A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VOM617A-3T - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VOM617A-3T datasheet/specifications on AllelcoElec.com. Request a quote for VOM617A-3T, please send us email: info@allelco.com

Specifications

VOM617A-3T Tech Specifications
VOM617A-3T - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Output Type	Transistor
Voltage - Output (Max)	80V	Operating Temperature	-55°C ~ 110°C
Voltage - Isolation	3750Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.1V	Mounting Type	Surface Mount
Vce Saturation (Max)	400mV	Input Type	DC
Turn On / Turn Off Time (Typ)	6µs, 4µs	Current Transfer Ratio (Min)	100% @ 5mA
Supplier Device Package	4-SOP	Current Transfer Ratio (Max)	200% @ 5mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	3µs, 3µs	Current - DC Forward (If) (Max)	60 mA
Package / Case	4-SMD, Gull Wing	Base Product Number	VOM617
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VOM617A-3T

Product Attribute				
Part Number	VOM617A-3T	VOM617A-6X001T	VOM453T	VOM617A-X001T
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Voltage - Forward (Vf) (Typ)	1.1V	1.1V	1.4V	1.1V
Base Product Number	VOM617	-	VOM453	VOM617
Operating Temperature	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 100°C	-55°C ~ 110°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Transistor	Transistor	Transistor	Transistor
Voltage - Output (Max)	80V	80V	25V	80V
Number of Channels	1	1	1	1
Rise / Fall Time (Typ)	3µs, 3µs	3µs, 3µs	-	3µs, 3µs
Current Transfer Ratio (Max)	200% @ 5mA	500% @ 5mA	50% @ 16mA	600% @ 5mA
Package / Case	4-SMD, Gull Wing	4-SMD, Gull Wing	6-SOIC (0.173", 4.40mm Width), 5 Leads	4-SMD, Gull Wing
Supplier Device Package	4-SOP	4-SOP	5-SOP	4-SOP
Series	-	-	-	-
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Input Type	DC	DC	DC	DC
Vce Saturation (Max)	400mV	400mV	-	400mV
Current Transfer Ratio (Min)	100% @ 5mA	250% @ 5mA	20% @ 16mA	50% @ 5mA
Current - Output / Channel	50mA	50mA	8mA	50mA
Current - DC Forward (If) (Max)	60 mA	60 mA	25 mA	60 mA
Turn On / Turn Off Time (Typ)	6µs, 4µs	6µs, 4µs	200ns, 500ns	6µs, 4µs

VOM617A-3T Datasheet PDF

Download VOM617A-3T pdf datasheets and Vishay Semiconductor Opto Division documentation for VOM617A-3T - Vishay Semiconductor Opto Division.

HTML Datasheet



Customers Also Interested in

Recommended Products

**VOM617A-6X001T**

Vishay Semiconductor Opto Division
OPTOCOUPLER, PHOTOTRANSISTOR OUT

**VOM453T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 5-SOP

**VOM617A-X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-4T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-8X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-9T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-5T**

Vishay Semiconductor Opto Division
ISOLAT 3.75KV RMS 1CH TRANS SOP-4

**VOM3053T3**

Electro-Films (EFI) / Vishay

**VOM617A-2T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-7X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM3053T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRIAC 4SOP

**VOM617A-4X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-2X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM452T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 5-SOP

**VOM452**

Electro-Films (EFI) / Vishay

**VOM3053-X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRIAC 4SOP

**VOM617A-9X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-3X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

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



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