



Image may be representation.
See specifications for product details.



VOMA617A-3X001T

Manufacturer Part Number	VOMA617A-3X001T
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-VOMA617A-3X001T
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SINGLE CHANNEL, 80V, SOP-4 PHOTO
Package	4-SMD, Gull Wing
Data sheet	VOMA617A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VOMA617A-3X001T - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VOMA617A-3X001T datasheet/specifications on AllelcoElec.com.
Request a quote for VOMA617A-3X001T, please send us email: info@allelco.com

Specifications

VOMA617A-3X001T Tech Specifications
VOMA617A-3X001T - 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	-40°C ~ 110°C
Voltage - Isolation	3750Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.33V	Mounting Type	Surface Mount
Vce Saturation (Max)	400mV	Input Type	DC
Turn On / Turn Off Time (Typ)	4.9µs, 3.3µs	Current Transfer Ratio (Min)	100% @ 5mA
Supplier Device Package	4-SOP	Current Transfer Ratio (Max)	200% @ 5mA
Series	VOMA617A	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	2.3µs, 3.2µs	Current - DC Forward (If) (Max)	20 mA
Package / Case	4-SMD, Gull Wing	Base Product Number	VOMA617
Package	Tape & Reel (TR)		

Parts with Similar Specifications

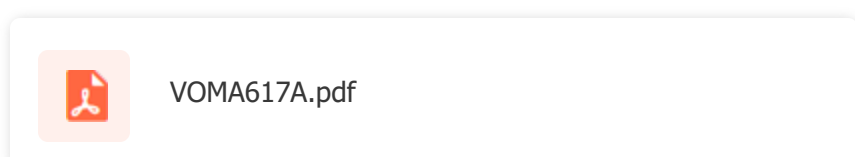
The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VOMA617A-3X001T

Product Attribute				
Part Number	VOMA617A-3X001T	VOM617A-9X001T	VOM618A-7T	VOM618AT
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Vce Saturation (Max)	400mV	400mV	400mV	400mV
Package / Case	4-SMD, Gull Wing	4-SMD, Gull Wing	4-SMD, Gull Wing	4-SMD, Gull Wing
Voltage - Forward (Vf) (Typ)	1.33V	1.1V	1.1V	1.1V
Output Type	Transistor	Transistor	Transistor	Transistor
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rise / Fall Time (Typ)	2.3µs, 3.2µs	3µs, 3µs	5µs, 4µs	5µs, 4µs
Base Product Number	VOMA617	VOM617	VOM618	VOM618
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Turn On / Turn Off Time (Typ)	4.9µs, 3.3µs	6µs, 4µs	7µs, 6µs	7µs, 6µs
Current Transfer Ratio (Min)	100% @ 5mA	200% @ 5mA	80% @ 1mA	50% @ 1mA
Operating Temperature	-40°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C
Supplier Device Package	4-SOP	4-SOP	4-SOP	4-SOP
Input Type	DC	DC	DC	DC
Number of Channels	1	1	1	1
Current - Output / Channel	50mA	50mA	50mA	50mA
Current Transfer Ratio (Max)	200% @ 5mA	400% @ 5mA	160% @ 1mA	600% @ 1mA
Series	VOMA617A	-	-	-
Current - DC Forward (If) (Max)	20 mA	60 mA	60 mA	60 mA
Voltage - Output (Max)	80V	80V	80V	80V

VOMA617A-3X001T Datasheet PDF

Download VOMA617A-3X001T pdf datasheets and Vishay Semiconductor Opto Division documentation for VOMA617A-3X001T - Vishay Semiconductor Opto Division.

HTML Datasheet



Customers Also Interested in

Recommended Products

**VOM617A-9X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-7T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618AT**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-2X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-3T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-3X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOMA617A-8X001T**

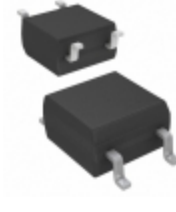
Vishay Semiconductor Opto Division
OPTOCOUPLER, PHOTOTRANSISTOR OUT

**VOM618A-X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-4T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-9T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-8X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-1X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617A-8X001T**

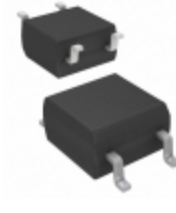
Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-5X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-4X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM618A-7X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP

**VOM617AT**

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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