



Image may be representation.
See specifications for product details.



VOS618A-3X001T

Manufacturer Part Number	VOS618A-3X001T
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-VOS618A-3X001T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	OPTOISOLATOR 3.75KV TRANS 4-SSOP
Package	4-SOIC (0.173", 4.40mm Width)
Data sheet	VOS618A.pdf
	VOS618A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VOS618A-3X001T - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VOS618A-3X001T datasheet/specifications on AllelcoElec.com.
Request a quote for VOS618A-3X001T, please send us email: info@allelco.com

Specifications

VOS618A-3X001T Tech Specifications
VOS618A-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	-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)	5µs, 8µs	Current Transfer Ratio (Min)	100% @ 1mA
Supplier Device Package	4-SSOP	Current Transfer Ratio (Max)	200% @ 1mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	5µs, 7µs	Current - DC Forward (If) (Max)	50 mA
Package / Case	4-SOIC (0.173", 4.40mm Width)	Base Product Number	VOS618
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VOS618A-3X001T

Product Attribute				
Part Number	VOS618A-3X001T	VOS618A-2X001T	VOS618A-X001T	VOS618A-8X001T
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	1.1V	1.1V
Output Type	Transistor	Transistor	Transistor	Transistor
Number of Channels	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Type	DC	DC	DC	DC
Vce Saturation (Max)	400mV	400mV	400mV	400mV
Current Transfer Ratio (Max)	200% @ 1mA	125% @ 1mA	600% @ 1mA	260% @ 1mA
Rise / Fall Time (Typ)	5µs, 7µs	5µs, 7µs	5µs, 7µs	5µs, 7µs
Series	-	-	-	-
Voltage - Output (Max)	80V	80V	80V	80V
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C
Turn On / Turn Off Time (Typ)	5µs, 8µs	5µs, 8µs	5µs, 8µs	5µs, 8µs
Supplier Device Package	4-SSOP	4-SSOP	4-SSOP	4-SSOP
Current Transfer Ratio (Min)	100% @ 1mA	63% @ 1mA	50% @ 1mA	130% @ 1mA
Current - Output / Channel	50mA	50mA	50mA	50mA
Base Product Number	VOS618	VOS618	VOS618	-
Package / Case	4-SOIC (0.173", 4.40mm Width)	4-SOIC (0.173', 4.40mm Width)	4-SOIC (0.173', 4.40mm Width)	4-SOIC (0.173", 4.40mm Width)
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA

VOS618A-3X001T Datasheet PDF

Download VOS618A-3X001T pdf datasheets and Vishay Semiconductor Opto Division documentation for VOS618A-3X001T - Vishay Semiconductor Opto Division.


Datasheets

[VOS618A.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 VOS618A-2X Electro-Films (EFI) / Vishay	 VOS618A-7 Electro-Films (EFI) / Vishay	 VOS618A-2X001T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP	 VOS618A-X001T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP	 VOS618A-8X001T Vishay Semiconductor Opto Division OPTOCOUPLER, PHOTOTRANSISTOR OUT	 VOS618A-2T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP
 VOS618A-9X001T Electro-Films (EFI) / Vishay	 VOS618A-7X001T Vishay Semiconductor Opto Division OPTOCOUPLER, PHOTOTRANSISTOR OUT	 VOS618A-2X/Reel Electro-Films (EFI) / Vishay	 VOS618A-3X001T/Reel Electro-Films (EFI) / Vishay	 VOS618AT Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP	 VOS618A-X001T/Reel Electro-Films (EFI) / Vishay
 VOS627A-2T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP	 VOS618A-3X/Reel Electro-Films (EFI) / Vishay	 VOS618A-3T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP	 VOS617AT Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4SSOP	 VOS618A-8X001T/Reel Electro-Films (EFI) / Vishay	 VOS617A-X001T Vishay Semiconductor Opto Division OPTOISOLATOR 3.75KV TRANS 4-SSOP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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