



Image may be representation.
See specifications for product details.



VOS617A-7X001T

| | |
|--------------------------|---|
| Manufacturer Part Number | VOS617A-7X001T |
| Manufacturer | Vishay Semiconductor - Opto Division |
| Allelco Part Number | 32D-VOS617A-7X001T |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | OPTOISOLATOR 3.75KV TRANS 4SSOP |
| Package | 4-SOIC (0.173", 4.40mm Width) |
| Data sheet | VOS617A.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

VOS617A-7X001T - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology VOS617A-7X001T datasheet/specifications on AllelcoElec.com.
Request a quote for VOS617A-7X001T, please send us email: info@allelco.com

Specifications

VOS617A-7X001T Tech Specifications

VOS617A-7X001T - 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) | 1.18V | Mounting Type | Surface Mount |
| Vce Saturation (Max) | 400mV | Input Type | DC |
| Turn On / Turn Off Time (Typ) | 6µs, 4µs | Current Transfer Ratio (Min) | 80% @ 5mA |
| Supplier Device Package | 4-SSOP | Current Transfer Ratio (Max) | 160% @ 5mA |
| Series | - | Current - Output / Channel | 50mA |
| Rise / Fall Time (Typ) | 3µs, 3µs | Current - DC Forward (If) (Max) | 50 mA |
| Package / Case | 4-SOIC (0.173", 4.40mm Width) | Base Product Number | VOS617 |
| Package | Tape & Reel (TR) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division VOS617A-7X001T

| Product Attribute | | | | | |
|---------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Part Number | VOS617A-7X001T | VOS617A-8T | VOS617A-9T | VOS617AT | VOS617AT |
| Manufacturer | Vishay Semiconductor Opto Division | Vishay Semiconductor Opto Division | Vishay Semiconductor Opto Division | Vishay Semiconductor Opto Division | Vishay Semiconductor Opto Division |
| Rise / Fall Time (Typ) | 3µs, 3µs | 3µs, 3µs | 3µs, 3µs | 3µs, 3µs | 3µs, 3µs |
| Base Product Number | VOS617 | VOS617 | VOS617 | VOS617 | VOS617 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Output Type | Transistor | Transistor | Transistor | Transistor | Transistor |
| Series | - | VOS617A | - | - | - |
| Voltage - Forward (Vf) (Typ) | 1.18V | 1.18V | 1.18V | 1.18V | 1.18V |
| Current Transfer Ratio (Min) | 80% @ 5mA | 130% @ 5mA | 200% @ 5mA | 50% @ 5mA | 50% @ 5mA |
| Number of Channels | 1 | 1 | 1 | 1 | 1 |
| Current Transfer Ratio (Max) | 160% @ 5mA | 260% @ 5mA | 400% @ 5mA | 600% @ 5mA | 600% @ 5mA |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Supplier Device Package | 4-SSOP | 4-SSOP | 4-SSOP | 4-SSOP | 4-SSOP |
| Turn On / Turn Off Time (Typ) | 6µs, 4µs | 6µs, 4µs | 6µs, 4µs | 6µs, 4µs | 6µs, 4µs |
| Vce Saturation (Max) | 400mV | 400mV | 400mV | 400mV | 400mV |
| Current - DC Forward (If) (Max) | 50 mA | 50 mA | 50 mA | 50 mA | 50 mA |
| Current - Output / Channel | 50mA | 50mA | 50mA | 50mA | 50mA |
| Voltage - Isolation | 3750Vrms | 3750Vrms | 3750Vrms | 3750Vrms | 3750Vrms |
| Input Type | DC | DC | DC | DC | DC |
| Voltage - Output (Max) | 80V | 80V | 80V | 80V | 80V |
| 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) | 4-SOIC (0.173", 4.40mm Width) |
| Operating Temperature | -55°C ~ 110°C | -55°C ~ 110°C | -55°C ~ 110°C | -55°C ~ 110°C | -55°C ~ 110°C |

VOS617A-7X001T Datasheet PDF

Download VOS617A-7X001T pdf datasheets and Vishay Semiconductor Opto Division documentation for VOS617A-7X001T - Vishay Semiconductor Opto Division.

HTML Datasheet



Customers Also Interested in

Recommended Products

**VOS617A-8T**

Vishay Semiconductor Opto Division
SSOP-4 OPTOCL 80-160% CTR 5MA,

VOS617A-9T

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

VOS617AT

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

VOS615A-X001T

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SSOP

VOS617A-7

Electro-Films (EFI) / Vishay

VOS617A-X001T

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SSOP

**VOS617A-2X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SSOP

**VOS617A-7T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

**VOS617A-4X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

**VOS617A-8X001T**

Vishay Semiconductor Opto Division
SSOP-4 OPTOCL 80-160% CTR 5MA,

**VOS617A-3X001**

Electro-Films (EFI) / Vishay

**VOS617A-2T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

**VOS617A-3X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SSOP

**VOS617A-9X001T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

**VOS618A-2X**

Electro-Films (EFI) / Vishay

**VOS617A-4T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SSOP

**VOS618A-2T**

Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SSOP

**VOS617A-3T**

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

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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