



Vishay / Semiconductor - Opto

Division



VOS617A-9X001T

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VOS617A-9X001T                                                                                                                                                                                                                              |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                                                                                                                                                      |
| Product description | OPTOISOLATOR 3.75KV TRANS 4SSOP                                                                                                                                                                                                             |
| Datasheets:         | <div><div>1.VOS617A-9X001T.pdf</div><div>2.VOS617A-9X001T.pdf</div></div> |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div>                                                                                                           |
| Stock Condition     | 405825 pcs stock                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of VOS617A-9X001T

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VOS617A-9X001T                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                                                                                                                                                          |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 4SSOP                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 405825 pcs                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>1.VOS617A-9X001T.pdf</div><div>2.VOS617A-9X001T.pdf</div></div> |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                                                                                                                                                             |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                                                                                                                                                        |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.18V                                                                                                                                                                                                                                           |
| VCE SATURATION (MAX)             | 400mV                                                                                                                                                                                                                                           |
| TURN ON / TURN OFF TIME (TYP)    | 6µs, 4µs                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 4-SSOP                                                                                                                                                                                                                                          |
| SERIES                           | -                                                                                                                                                                                                                                               |
| RISE / FALL TIME (TYP)           | 3µs, 3µs                                                                                                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                                                                                                                                                                                                                   |
| OUTPUT TYPE                      | Transistor                                                                                                                                                                                                                                      |
| OTHER NAMES                      | VOS617A-9X001TTTR                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -55°C ~ 110°C                                                                                                                                                                                                                                   |
| NUMBER OF CHANNELS               | 1                                                                                                                                                                                                                                               |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| INPUT TYPE                       | DC                                                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 4-SSOP                                                                                                                                                                                        |
| CURRENT TRANSFER RATIO (MIN)     | 200% @ 5mA                                                                                                                                                                                                                                      |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 5mA                                                                                                                                                                                                                                      |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                                                                                                                                            |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                                                                                                                                                                            |

Related Tags

|                                                       |                                                 |                                                           |
|-------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|
| Vishay / Semiconductor - Opto Division VOS617A-9X001T | VOS617A-9X001T Distributor                      | VOS617A-9X001T Supplier                                   |
| VOS617A-9X001T Price                                  | VOS617A-9X001T Pictures                         | VOS617A-9X001T Image                                      |
| VOS617A-9X001T PDF Datasheet                          | VOS617A-9X001T Download Datasheet               | VOS617A-9X001T Datasheet                                  |
| VOS617A-9X001T Stock                                  | Buy VOS617A-9X001T                              | Buy Vishay / Semiconductor - Opto Division VOS617A-9X001T |
| Vishay / Semiconductor - Opto Division VOS617A-9X001T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor        |
| Vishay / Semiconductor - Opto Division VOS617A-9X001T |                                                 |                                                           |

Related Products

|                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |
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| <div><div></div><div><div>VOS617A-X001T</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 132790 pcs</div><div>RFQ</div></div></div>           | <div><div></div><div><div>VOS617A-4X001T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 450115 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>VOS618A-3X001T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 98091 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>VOS617A-7X001T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 123714 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>VOS618A-2T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 340101 pcs</div><div>RFQ</div></div></div>    | <div><div></div><div><div>VOS618A-3T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 326329 pcs</div><div>RFQ</div></div></div>    |
| <div><div></div><div><div>VOS617AT</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 521985 pcs</div><div>RFQ</div></div></div>       | <div><div></div><div><div>VOS618A-2X001T</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 92038 pcs</div><div>RFQ</div></div></div>           |
| <div><div></div><div><div>VOS617A-3X001T</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP</div><div>In stock: 139550 pcs</div><div>RFQ</div></div></div>          | <div><div></div><div><div>VOS617A-4T</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 414410 pcs</div><div>RFQ</div></div></div>               |
| <div><div></div><div><div>VOS617A-9T</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 133224 pcs</div><div>RFQ</div></div></div>               | <div><div></div><div><div>VOS617A-7T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 3.75KV TRANS 4SSOP</div><div>In stock: 123532 pcs</div><div>RFQ</div></div></div>     |