



Vishay / Semiconductor - Opto

Division



SFH618A-3X006

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SFH618A-3X006                                                                                                                                                                                                  |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                                                                                                                         |
| Product description | OPTOISOLATOR 5.3KV TRANS 4DIP                                                                                                                                                                                  |
| Datasheets:         |  1.SFH618A-3X006.pdf<br> 2.SFH618A-3X006.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                   |
| Stock Condition     | 97321 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

Specifications of SFH618A-3X006

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH618A-3X006                                                                                                                                                                                                      |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                                                                                                                             |
| DESCRIPTION                      | OPTOISOLATOR 5.3KV TRANS 4DIP                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 97321 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.SFH618A-3X006.pdf<br> 2.SFH618A-3X006.pdf |
| VOLTAGE - OUTPUT (MAX)           | 55V                                                                                                                                                                                                                |
| VOLTAGE - ISOLATION              | 5300Vrms                                                                                                                                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.1V                                                                                                                                                                                                               |
| VCE SATURATION (MAX)             | 400mV                                                                                                                                                                                                              |
| TURN ON / TURN OFF TIME (TYP)    | 6µs, 5.5µs                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 4-DIP                                                                                                                                                                                                              |
| SERIES                           | -                                                                                                                                                                                                                  |
| RISE / FALL TIME (TYP)           | 3.5µs, 5µs                                                                                                                                                                                                         |
| PACKAGING                        | Tube                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 4-DIP (0.400", 10.16mm)                                                                                                                                                                                            |
| OUTPUT TYPE                      | Transistor                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                                                                                                                      |
| NUMBER OF CHANNELS               | 1                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Through Hole                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| INPUT TYPE                       | DC                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5300Vrms 1 Channel 4-DIP                                                                                                                                                            |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 1mA                                                                                                                                                                                                         |
| CURRENT TRANSFER RATIO (MAX)     | 200% @ 1mA                                                                                                                                                                                                         |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                                                                                                               |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                                                                                                                               |

Related Tags

|                                                      |                                                 |                                                          |
|------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH618A-3X006 | SFH618A-3X006 Distributor                       | SFH618A-3X006 Supplier                                   |
| SFH618A-3X006 Price                                  | SFH618A-3X006 Pictures                          | SFH618A-3X006 Image                                      |
| SFH618A-3X006 PDF Datasheet                          | SFH618A-3X006 Download Datasheet                | SFH618A-3X006 Datasheet                                  |
| SFH618A-3X006 Stock                                  | Buy SFH618A-3X006                               | Buy Vishay / Semiconductor - Opto Division SFH618A-3X006 |
| Vishay / Semiconductor - Opto Division SFH618A-3X006 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor       |
| Vishay / Semiconductor - Opto Division SFH618A-3X006 |                                                 |                                                          |

Related Products

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|  <div><b>SFH618A-3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: 89612 pcs<br/><div>RFQ</div></div>     |  <div><b>SFH618A-3X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 272760 pcs<br/><div>RFQ</div></div>           |
|  <div><b>SFH618A-4X</b><br/>Manufacturers: Isocom Components<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 179198 pcs<br/><div>RFQ</div></div>               |  <div><b>SFH6186-5X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 288312 pcs<br/><div>RFQ</div></div>           |
|  <div><b>SFH618A-4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: 73805 pcs<br/><div>RFQ</div></div>     |  <div><b>SFH618A-3X017</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 78604 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SFH618A-4X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 287588 pcs<br/><div>RFQ</div></div> |  <div><b>SFH6186-5X001T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 83433 pcs<br/><div>RFQ</div></div> |
|  <div><b>SFH618A-3X</b><br/>Manufacturers: Isocom Components<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 175896 pcs<br/><div>RFQ</div></div>               |  <div><b>SFH618A-3X016</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 87019 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SFH618A-2</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: 97082 pcs<br/><div>RFQ</div></div>     |  <div><b>SFH618A-4X016</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 257256 pcs<br/><div>RFQ</div></div>           |