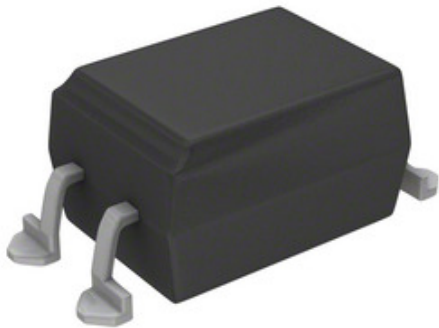




Vishay / Semiconductor - Opto

Division



SFH618A-5X007T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SFH618A-5X007T                                                                                               |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                       |
| Product description | OPTOISOLATOR 5.3KV TRANS 4SMD                                                                                |
|                     |  1.SFH618A-5X007T.pdf       |
|                     |  2.SFH618A-5X007T.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SFH618A-5X007T

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH618A-5X007T                                                                                                                                                                                                       |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                                                                                                                               |
| DESCRIPTION                      | OPTOISOLATOR 5.3KV TRANS 4SMD                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       |  1.SFH618A-5X007T.pdf<br> 2.SFH618A-5X007T.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-SMD                                                                                                                                                                                                                |
| SERIES                           | -                                                                                                                                                                                                                    |
| RISE / FALL TIME (TYP)           | 3.5µs, 5µs                                                                                                                                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                                                                                                                                                                     |
| OUTPUT TYPE                      | Transistor                                                                                                                                                                                                           |
| OTHER NAMES                      | SFH618A-5X007T-ND<br>SFH618A-5X007TTR                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                                                                                                                        |
| NUMBER OF CHANNELS               | 1                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| INPUT TYPE                       | DC                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5300Vrms 1 Channel 4-SMD                                                                                                                                                              |
| CURRENT TRANSFER RATIO (MIN)     | 250% @ 1mA                                                                                                                                                                                                           |
| CURRENT TRANSFER RATIO (MAX)     | 500% @ 1mA                                                                                                                                                                                                           |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                                                                                                                 |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                                                                                                                                 |

Related Tags

|                                                       |                                                 |                                                           |
|-------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH618A-5X007T | SFH618A-5X007T Distributor                      | SFH618A-5X007T Supplier                                   |
| SFH618A-5X007T Price                                  | SFH618A-5X007T Pictures                         | SFH618A-5X007T Image                                      |
| SFH618A-5X007T PDF Datasheet                          | SFH618A-5X007T Download Datasheet               | SFH618A-5X007T Datasheet                                  |
| SFH618A-5X007T Stock                                  | Buy SFH618A-5X007T                              | Buy Vishay / Semiconductor - Opto Division SFH618A-5X007T |
| Vishay / Semiconductor - Opto Division SFH618A-5X007T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor        |
| Vishay / Semiconductor - Opto Division SFH618A-5X007T |                                                 |                                                           |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SFH618A-4X016</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SFH618A-5</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
| <div></div> <div><b>SFH618A-5X017</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SFH619A</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV DARL 4DIP<br/>In stock: 908 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>SFH618A-5X007</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SFH618A-4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
| <div></div> <div><b>SFH619A-X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV DARL 4SMD<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SFH618A-5X017T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SFH618A-4X</b><br/>Manufacturers: Isocom Components<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>                        | <div></div> <div><b>SFH618A-4X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>SFH618A-5X016</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SFH619A-X007</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV DARL 4SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>              |