



Vishay / Semiconductor - Opto

Division



SFH6943A-3T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SFH6943A-3T                                                                                                  |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                       |
| Product description | OPTOISO 1.768KV 4CH TRANS 10SOT                                                                              |
| Datasheets:         |  SFH6943A-3T.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SFH6943A-3T

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH6943A-3T                                                                                         |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                              |
| DESCRIPTION                      | OPTOISO 1.768KV 4CH TRANS 10SOT                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  SFH6943A-3T.pdf |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                 |
| VOLTAGE - ISOLATION              | 1768Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                               |
| VCE SATURATION (MAX)             | -                                                                                                   |
| TURN ON / TURN OFF TIME (TYP)    | 2.6µs, 2.8µs                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 10-SMD                                                                                              |
| SERIES                           | -                                                                                                   |
| RISE / FALL TIME (TYP)           | 3µs, 3.1µs                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                    |
| PACKAGE / CASE                   | SOT-223-10                                                                                          |
| OUTPUT TYPE                      | Transistor                                                                                          |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                       |
| NUMBER OF CHANNELS               | 4                                                                                                   |
| 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 1768Vrms 4 Channel 10-SMD                                            |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 1mA                                                                                          |
| CURRENT TRANSFER RATIO (MAX)     | 320% @ 1mA                                                                                          |
| CURRENT - OUTPUT / CHANNEL       | 10mA                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)  | 3mA                                                                                                 |

Related Tags

|                                                    |                                                 |                                                        |
|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH6943A-3T | SFH6943A-3T Distributor                         | SFH6943A-3T Supplier                                   |
| SFH6943A-3T Price                                  | SFH6943A-3T Pictures                            | SFH6943A-3T Image                                      |
| SFH6943A-3T PDF Datasheet                          | SFH6943A-3T Download Datasheet                  | SFH6943A-3T Datasheet                                  |
| SFH6943A-3T Stock                                  | Buy SFH6943A-3T                                 | Buy Vishay / Semiconductor - Opto Division SFH6943A-3T |
| Vishay / Semiconductor - Opto Division SFH6943A-3T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor     |
| Vishay / Semiconductor - Opto Division SFH6943A-3T |                                                 |                                                        |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>SFH7060</b><br/>Manufacturers: OSRAM Opto Semiconductors, Inc.<br/>Description: BIOMON SENSOR SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>                  | <div></div> <div><b>SFH6943A-3</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 1.768KV 4CH TRANS 10SOT<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SFH691A-X001T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SFH692AT</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV DARLINGTON 4SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SFH9240</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOSFET P-CH 200V 11A TO-3P<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>SFH9154</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOSFET P-CH 150V 18A TO-3P<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>SFHR-02V-R</b><br/>Manufacturers: JST<br/>Description: CONN RECEPT 2POS 1.8MM RED<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  | <div></div> <div><b>SFH691AT</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
| <div></div> <div><b>SFHR-02V-L</b><br/>Manufacturers: JST<br/>Description: CONN RECEPT 2POS 1.8MM YELLOW<br/>In stock: Out stock<br/><div>RFQ</div></div>                               | <div></div> <div><b>SFH6943A-2T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 1.768KV 4CH TRANS 10SOT<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SFH9250L</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOSFET P-CH 200V 19.5A TO-3P<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SFH6916-X001</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16SOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |