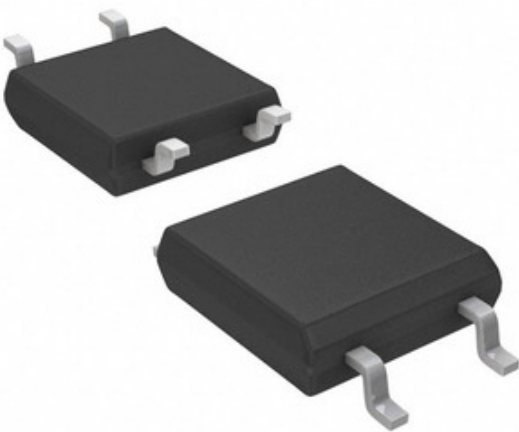




Vishay / Semiconductor - Opto

Division



SFH690D-X001T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SFH690D-X001T                                                                                                |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                       |
| Product description | OPTOISOLATOR 3.75KV TRANS 4SOP                                                                               |
| Datasheets:         | <a href="#">1.SFH690D-X001T.pdf</a><br><a href="#">2.SFH690D-X001T.pdf</a>                                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SFH690D-X001T

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | SFH690D-X001T                                                              |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                     |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 4SOP                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| DATA SHEET                       | <a href="#">1.SFH690D-X001T.pdf</a><br><a href="#">2.SFH690D-X001T.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                        |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                   |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.15V                                                                      |
| VCE SATURATION (MAX)             | 300mV                                                                      |
| TURN ON / TURN OFF TIME (TYP)    | 5µs, 3µs                                                                   |
| SUPPLIER DEVICE PACKAGE          | 4-SOP (2.54mm)                                                             |
| SERIES                           | -                                                                          |
| RISE / FALL TIME (TYP)           | 3µs, 4µs                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                           |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                           |
| OUTPUT TYPE                      | Transistor                                                                 |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                              |
| NUMBER OF CHANNELS               | 1                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 13 Weeks                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| INPUT TYPE                       | DC                                                                         |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 4-SOP (2.54mm)           |
| 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 SFH690D-X001T | SFH690D-X001T Distributor                       | SFH690D-X001T Supplier                                   |
| SFH690D-X001T Price                                  | SFH690D-X001T Pictures                          | SFH690D-X001T Image                                      |
| SFH690D-X001T PDF Datasheet                          | SFH690D-X001T Download Datasheet                | SFH690D-X001T Datasheet                                  |
| SFH690D-X001T Stock                                  | Buy SFH690D-X001T                               | Buy Vishay / Semiconductor - Opto Division SFH690D-X001T |
| Vishay / Semiconductor - Opto Division SFH690D-X001T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor       |
| Vishay / Semiconductor - Opto Division SFH690D-X001T |                                                 |                                                          |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SFH690DT</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SFH6916</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16-SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>SFH690BT</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SFH690C-X001T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SFH690CT</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<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>  |
| <div></div> <div><b>SFH690BT3</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>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>SFH690B-X001T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<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>SFH690CT-X001</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |