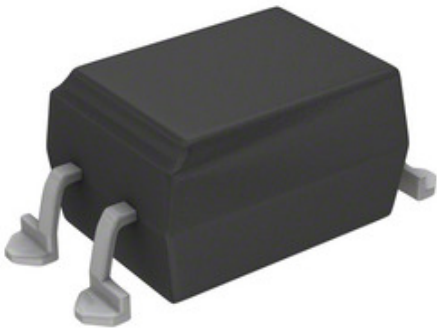




Vishay / Semiconductor - Opto

Division



SFH6186-4X001T

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Part Number:        | SFH6186-4X001T                                                                              |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                      |
| Product description | OPTOISOLATOR 5.3KV TRANS 4SMD                                                               |
| Datasheets:         | <div><div>PDF</div>1.SFH6186-4X001T.pdf</div> <div><div>PDF</div>2.SFH6186-4X001T.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                        |
| Stock Condition     | 222635 pcs stock                                                                            |
| Ship From           | Hong Kong                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                       |

REQUEST FOR QUOTATION

Specifications of SFH6186-4X001T

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH6186-4X001T                                                                              |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                      |
| DESCRIPTION                      | OPTOISOLATOR 5.3KV TRANS 4SMD                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 222635 pcs                                                                                  |
| DATA SHEET                       | <div><div>PDF</div>1.SFH6186-4X001T.pdf</div> <div><div>PDF</div>2.SFH6186-4X001T.pdf</div> |
| 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                      | SFH6186-4X001T-ND<br>SFH6186-4X001TTR                                                       |
| OPERATING TEMPERATURE            | -55°C ~ 100°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 5300Vrms 1 Channel 4-SMD                                     |
| CURRENT TRANSFER RATIO (MIN)     | 160% @ 1mA                                                                                  |
| CURRENT TRANSFER RATIO (MAX)     | 320% @ 1mA                                                                                  |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                        |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                        |

Related Tags

|                                                       |                                                 |                                                           |
|-------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH6186-4X001T | SFH6186-4X001T Distributor                      | SFH6186-4X001T Supplier                                   |
| SFH6186-4X001T Price                                  | SFH6186-4X001T Pictures                         | SFH6186-4X001T Image                                      |
| SFH6186-4X001T PDF Datasheet                          | SFH6186-4X001T Download Datasheet               | SFH6186-4X001T Datasheet                                  |
| SFH6186-4X001T Stock                                  | Buy SFH6186-4X001T                              | Buy Vishay / Semiconductor - Opto Division SFH6186-4X001T |
| Vishay / Semiconductor - Opto Division SFH6186-4X001T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor        |
| Vishay / Semiconductor - Opto Division SFH6186-4X001T |                                                 |                                                           |

Related Products

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><b>SFH6186-4</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 96773 pcs</div><div>RFQ</div></div>      | <div><div></div><div><b>SFH6186-5T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-SMD<br/>In stock: 232218 pcs</div><div>RFQ</div></div>           |
| <div><div></div><div><b>SFH6186-3X002T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 6619 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>SFH6186-5T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 261663 pcs</div><div>RFQ</div></div>           |
| <div><div></div><div><b>SFH6186-3X001T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 85533 pcs</div><div>RFQ</div></div>           | <div><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</div><div>RFQ</div></div>             |
| <div><div></div><div><b>SFH6186-5</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 87805 pcs</div><div>RFQ</div></div>                | <div><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</div><div>RFQ</div></div>         |
| <div><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</div><div>RFQ</div></div> | <div><div></div><div><b>SFH6186-3X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 281698 pcs</div><div>RFQ</div></div>         |
| <div><div></div><div><b>SFH6186-4T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-SMD<br/>In stock: 230038 pcs</div><div>RFQ</div></div>             | <div><div></div><div><b>SFH6186-3X002</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 4877 pcs</div><div>RFQ</div></div> |