



Vishay / Semiconductor - Opto

Division



SFH615AY-X018

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | SFH615AY-X018                                                                                                   |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                          |
| Product description | OPTOISOLATOR 5.3KV TRANS 4SMD                                                                                   |
| Datasheets:         | <div><div>PDF</div><div>1.SFH615AY-X018.pdf</div></div> <div><div>PDF</div><div>2.SFH615AY-X018.pdf</div></div> |
| RoHs Status         | <div><div>RoHS</div><div>Lead free / RoHS Compliant</div></div>                                                 |
| Stock Condition     | 371499 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of SFH615AY-X018

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH615AY-X018                                                                                                   |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                          |
| DESCRIPTION                      | OPTOISOLATOR 5.3KV TRANS 4SMD                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 371499 pcs                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div><div>1.SFH615AY-X018.pdf</div></div> <div><div>PDF</div><div>2.SFH615AY-X018.pdf</div></div> |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                             |
| VOLTAGE - ISOLATION              | 5300Vrms                                                                                                        |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                                           |
| VCE SATURATION (MAX)             | 400mV                                                                                                           |
| TURN ON / TURN OFF TIME (TYP)    | 2µs, 25µs                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                                                                           |
| SERIES                           | -                                                                                                               |
| RISE / FALL TIME (TYP)           | -                                                                                                               |
| PACKAGING                        | Tube                                                                                                            |
| 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)                                                                                                   |
| 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)     | 50% @ 5mA                                                                                                       |
| CURRENT TRANSFER RATIO (MAX)     | 150% @ 5mA                                                                                                      |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                            |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                            |

Related Tags

|                                                      |                                                 |                                                          |
|------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH615AY-X018 | SFH615AY-X018 Distributor                       | SFH615AY-X018 Supplier                                   |
| SFH615AY-X018 Price                                  | SFH615AY-X018 Pictures                          | SFH615AY-X018 Image                                      |
| SFH615AY-X018 PDF Datasheet                          | SFH615AY-X018 Download Datasheet                | SFH615AY-X018 Datasheet                                  |
| SFH615AY-X018 Stock                                  | Buy SFH615AY-X018                               | Buy Vishay / Semiconductor - Opto Division SFH615AY-X018 |
| Vishay / Semiconductor - Opto Division SFH615AY-X018 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor       |
| Vishay / Semiconductor - Opto Division SFH615AY-X018 |                                                 |                                                          |

Related Products

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| <div><div></div><div><b>SFH615AY-X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 299203 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>SFH615AY-X008T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 345055 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>SFH615AY</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: 397240 pcs<br/><div>RFQ</div></div></div>      | <div><div></div><div><b>SFH615AY-X018T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 353940 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>SFH617A-1X001</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 301413 pcs<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>SFH615AY-X009</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 354947 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>SFH617A-1X006</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 104162 pcs<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>SFH615AY-X016</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 399643 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>SFH615AY-X019T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 254412 pcs<br/><div>RFQ</div></div></div>           | <div><div></div><div><b>SFH615AY-X009T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 296938 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>SFH617A-1</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4DIP<br/>In stock: 94107 pcs<br/><div>RFQ</div></div></div>       | <div><div></div><div><b>SFH615AY-X019</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 375199 pcs<br/><div>RFQ</div></div></div>  |