



Vishay / Semiconductor - Opto

Division



6N139-X007T

|                     |                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 6N139-X007T                                                                                                                                                                                                |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                                                                                                                     |
| Product description | OPTOISO 5.3KV DARL W/BASE 8SMD                                                                                                                                                                             |
| Datasheets:         |  1.6N139-X007T.pdf<br> 2.6N139-X007T.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                               |
| Stock Condition     | 119299 pcs stock                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                      |

REQUEST FOR QUOTATION

Specifications of 6N139-X007T

|                                  |                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 6N139-X007T                                                                                                                                                                                                    |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                                                                                                                         |
| DESCRIPTION                      | OPTOISO 5.3KV DARL W/BASE 8SMD                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 119299 pcs                                                                                                                                                                                                     |
| DATA SHEET                       |  1.6N139-X007T.pdf<br> 2.6N139-X007T.pdf |
| VOLTAGE - OUTPUT (MAX)           | 18V                                                                                                                                                                                                            |
| VOLTAGE - ISOLATION              | 5300Vrms                                                                                                                                                                                                       |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.4V                                                                                                                                                                                                           |
| VCE SATURATION (MAX)             | -                                                                                                                                                                                                              |
| TURN ON / TURN OFF TIME (TYP)    | 600ns, 1.5µs                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SMD                                                                                                                                                                                                          |
| SERIES                           | -                                                                                                                                                                                                              |
| RISE / FALL TIME (TYP)           | -                                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                               |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                                                                                                               |
| OUTPUT TYPE                      | Darlington with Base                                                                                                                                                                                           |
| OTHER NAMES                      | 6N139-X007T-ND<br>6N139-X007TTR                                                                                                                                                                                |
| 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 Darlington with Base Output 5300Vrms 1 Channel 8-SMD                                                                                                                                              |
| CURRENT TRANSFER RATIO (MIN)     | 500% @ 1.6mA                                                                                                                                                                                                   |
| CURRENT TRANSFER RATIO (MAX)     | -                                                                                                                                                                                                              |
| CURRENT - OUTPUT / CHANNEL       | 60mA                                                                                                                                                                                                           |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                                                                                                                                                                           |
| BASE PART NUMBER                 | 6N139                                                                                                                                                                                                          |

Related Tags

|                                                    |                                                 |                                                        |
|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Vishay / Semiconductor - Opto Division 6N139-X007T | 6N139-X007T Distributor                         | 6N139-X007T Supplier                                   |
| 6N139-X007T Price                                  | 6N139-X007T Pictures                            | 6N139-X007T Image                                      |
| 6N139-X007T PDF Datasheet                          | 6N139-X007T Download Datasheet                  | 6N139-X007T Datasheet                                  |
| 6N139-X007T Stock                                  | Buy 6N139-X007T                                 | Buy Vishay / Semiconductor - Opto Division 6N139-X007T |
| Vishay / Semiconductor - Opto Division 6N139-X007T | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor     |
| Vishay / Semiconductor - Opto Division 6N139-X007T |                                                 |                                                        |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>6N139-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV DARL W/BASE 8SMD<br/>In stock: 179475 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>6N139-X017T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 150547 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>6N139M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV DARL W/BASE 8DIP<br/>In stock: 57947 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>6N139-X009T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 126770 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>6N139-X007</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 57415 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>6N139-X009</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 44373 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>6N139-X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 144769 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>6N139-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV DARL W/BASE 8SMD<br/>In stock: 221686 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>6N139-X019T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV DARL W/BASE 8SMD<br/>In stock: 117864 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>6N139-V</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISO 5KV DARL W/BASE 8DIP<br/>In stock: 129251 pcs<br/><div>RFQ</div></div>                        |
| <div></div> <div><b>6N139M</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISO 5KV DARL W/BASE 8DIP<br/>In stock: 288871 pcs<br/><div>RFQ</div></div>                         | <div></div> <div><b>6N139-520E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV DARL W/BASE 8SMD<br/>In stock: 209819 pcs<br/><div>RFQ</div></div>     |