



Vishay / Semiconductor - Opto

Division



6N137A-X001

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 6N137A-X001                                                                                                  |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                       |
| Product description | OPTOISO 5KV 1CH OPEN COLL 8DIP                                                                               |
| Datasheets:         |  6N137A-X001.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 176003 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 6N137A-X001

|                                      |                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                          | 6N137A-X001                                                                                         |
| MANUFACTURER                         | Vishay / Semiconductor - Opto Division                                                              |
| DESCRIPTION                          | OPTOISO 5KV 1CH OPEN COLL 8DIP                                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE                   | 176003 pcs                                                                                          |
| DATA SHEET                           |  6N137A-X001.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                       |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.35V                                                                                               |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                               |
| SERIES                               | -                                                                                                   |
| RISE / FALL TIME (TYP)               | 27ns, 10ns                                                                                          |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 75ns, 75ns                                                                                          |
| PACKAGING                            | Tube                                                                                                |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                              |
| OUTPUT TYPE                          | Open Collector                                                                                      |
| OPERATING TEMPERATURE                | -40°C ~ 85°C                                                                                        |
| NUMBER OF CHANNELS                   | 1                                                                                                   |
| MOUNTING TYPE                        | Through Hole                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                 |
| INPUT TYPE                           | DC                                                                                                  |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 10MBd Open Collector 5000Vrms 1 Channel 1kV/μs CMTI 8-DIP                 |
| DATA RATE                            | 10MBd                                                                                               |
| CURRENT - OUTPUT / CHANNEL           | 50mA                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 1kV/μs                                                                                              |

Related Tags

|                                                    |                                                 |                                                        |
|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Vishay / Semiconductor - Opto Division 6N137A-X001 | 6N137A-X001 Distributor                         | 6N137A-X001 Supplier                                   |
| 6N137A-X001 Price                                  | 6N137A-X001 Pictures                            | 6N137A-X001 Image                                      |
| 6N137A-X001 PDF Datasheet                          | 6N137A-X001 Download Datasheet                  | 6N137A-X001 Datasheet                                  |
| 6N137A-X001 Stock                                  | Buy 6N137A-X001                                 | Buy Vishay / Semiconductor - Opto Division 6N137A-X001 |
| Vishay / Semiconductor - Opto Division 6N137A-X001 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor     |
| Vishay / Semiconductor - Opto Division 6N137A-X001 |                                                 |                                                        |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div></div> <div><b>6N137-X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV 1CH OPN DRAIN 8SMD<br/>In stock: 117669 pcs</div> <div>RFQ</div> | <div></div> <div><b>6N137A-X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8SMD<br/>In stock: 54597 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>6N137M</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8DIP<br/>In stock: 284386 pcs</div> <div>RFQ</div>                         | <div></div> <div><b>6N137M</b><br/>Manufacturers: Lite-On, Inc.<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8DIP<br/>In stock: 345859 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>6N137-X006</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV 1CH OPN DRAIN 8DIP<br/>In stock: 54599 pcs</div> <div>RFQ</div>   | <div></div> <div><b>6N137-X009T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV 1CH OPN DRAIN 8SMD<br/>In stock: 130697 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>6N137-V</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8DIP<br/>In stock: 182671 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>6N137F</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: OPTOISO 2.5KV 1CH OPEN COLL 8DIP<br/>In stock: 64058 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>6N137A-X017T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8SMD<br/>In stock: 183056 pcs</div> <div>RFQ</div>  | <div></div> <div><b>6N137M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8DIP<br/>In stock: 60644 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>6N137A</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV 1CH OPEN COLL 8DIP<br/>In stock: 62695 pcs</div> <div>RFQ</div>         | <div></div> <div><b>6N137-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH OPN COLL 8SMD<br/>In stock: 149309 pcs</div> <div>RFQ</div>   |