



Renesas Electronics America



PS9531L3-E3-AX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS9531L3-E3-AX                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 8SMD                                                                             |
| Datasheets:         |  PS9531L3-E3-AX.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 68507 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of PS9531L3-E3-AX

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | PS9531L3-E3-AX                                                                                         |
| MANUFACTURER                         | Renesas Electronics America                                                                            |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8SMD                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 68507 pcs                                                                                              |
| DATA SHEET                           |  PS9531L3-E3-AX.pdf |
| VOLTAGE - SUPPLY                     | 15 V ~ 30 V                                                                                            |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.56V                                                                                                  |
| TECHNOLOGY                           | Optical Coupling                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-SMD                                                                                                  |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 40ns, 40ns                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | 75ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 175ns, 175ns                                                                                           |
| PACKAGING                            | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                       | 8-SMD, Gull Wing                                                                                       |
| OTHER NAMES                          | 559-1673-2                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| DETAILED DESCRIPTION                 | 2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SMD                                             |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                   |
| CURRENT - OUTPUT HIGH, LOW           | 2A, 2A                                                                                                 |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 50kV/μs                                                                                                |
| APPROVALS                            | CSA, SEMKO, UL                                                                                         |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America PS9531L3-E3-AX | PS9531L3-E3-AX Distributor             | PS9531L3-E3-AX Supplier                        |
| PS9531L3-E3-AX Price                       | PS9531L3-E3-AX Pictures                | PS9531L3-E3-AX Image                           |
| PS9531L3-E3-AX PDF Datasheet               | PS9531L3-E3-AX Download Datasheet      | PS9531L3-E3-AX Datasheet                       |
| PS9531L3-E3-AX Stock                       | Buy PS9531L3-E3-AX                     | Buy Renesas Electronics America PS9531L3-E3-AX |
| Renesas Electronics America PS9531L3-E3-AX | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America PS9531L3-E3-AX | Renesas Technology Corp PS9531L3-E3-AX | Renesas PS9531L3-E3-AX                         |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>PS9551AL4-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MOD AMP DELTA-SIGMA ISO 8DIP GW<br/>In stock: 10247 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PS9531L3-V-E3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 62096 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PS9531L2-V-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 5875 pcs</div> <div>RFQ</div> | <div></div> <div><b>PS9551AL4-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: MOD AMP DELTA-SIGMA ISO 8DIP GW<br/>In stock: 3536 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>PS9531L3-E3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 65430 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PS9531L3-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 3910 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PS9531L3-V-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 27953 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PS9531L2-V-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 58804 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>PS9531L3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 42998 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PS9531L3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 6448 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>PS9531L3-V-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 5137 pcs</div> <div>RFQ</div> | <div></div> <div><b>PS9531L3-V-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 56634 pcs</div> <div>RFQ</div>          |