



Renesas Electronics America



PS9552L1-AX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS9552L1-AX                                                                                                  |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 8DIP                                                                             |
| Datasheets:         |  PS9552L1-AX.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

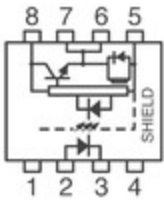
Specifications of PS9552L1-AX

|                                      |                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                          | PS9552L1-AX                                                                                         |
| MANUFACTURER                         | Renesas Electronics America                                                                         |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8DIP                                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                           |  PS9552L1-AX.pdf |
| VOLTAGE - SUPPLY                     | 15 V ~ 30 V                                                                                         |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.65V                                                                                               |
| TECHNOLOGY                           | Optical Coupling                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                               |
| SERIES                               | NEPOC                                                                                               |
| RISE / FALL TIME (TYP)               | 100ns, 100ns                                                                                        |
| PULSE WIDTH DISTORTION (MAX)         | 300ns                                                                                               |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 500ns, 500ns                                                                                        |
| PACKAGING                            | Tube                                                                                                |
| PACKAGE / CASE                       | 8-DIP (0.400", 10.16mm)                                                                             |
| OTHER NAMES                          | 559-1681                                                                                            |
| OPERATING TEMPERATURE                | -40°C ~ 100°C                                                                                       |
| NUMBER OF CHANNELS                   | 1                                                                                                   |
| MOUNTING TYPE                        | Through Hole                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                       |
| MANUFACTURER STANDARD LEAD TIME      | 10 Weeks                                                                                            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| DETAILED DESCRIPTION                 | 2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-DIP                                          |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                |
| CURRENT - OUTPUT HIGH, LOW           | 2A, 2A                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                             |
| APPROVALS                            | BSI, CSA, DEMKO, FIMKO, NEMKO, SEMKO, UL                                                            |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Renesas Electronics America PS9552L1-AX | PS9552L1-AX Distributor              | PS9552L1-AX Supplier                        |
| PS9552L1-AX Price                       | PS9552L1-AX Pictures                 | PS9552L1-AX Image                           |
| PS9552L1-AX PDF Datasheet               | PS9552L1-AX Download Datasheet       | PS9552L1-AX Datasheet                       |
| PS9552L1-AX Stock                       | Buy PS9552L1-AX                      | Buy Renesas Electronics America PS9552L1-AX |
| Renesas Electronics America PS9552L1-AX | Renesas Electronics America Supplier | Renesas Electronics America Distributor     |
| Renesas Electronics America PS9552L1-AX | Renesas Technology Corp PS9552L1-AX  | Renesas PS9552L1-AX                         |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                           |
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|  <div><b>PS9551L4-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: IC OP AMP ISOLATION 8SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>PS9552-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
|  <div><b>PS9552L3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PS9552L1-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>PS9552L3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>PS9552-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>PS9552L2-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PS9552L2-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
|  <div><b>PS9552-V-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>PS9552L2-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PS9552-V-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PS9552L2-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8SMD GW<br/>In stock: Out stock<br/><div>RFQ</div></div>           |