



Renesas Electronics America



PS9505-V-AX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS9505-V-AX                                                                                                  |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 8DIP                                                                             |
| Datasheets:         |  PS9505-V-AX.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 38836 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PS9505-V-AX

|                                      |                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                          | PS9505-V-AX                                                                                         |
| MANUFACTURER                         | Renesas Electronics America                                                                         |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8DIP                                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE                   | 38836 pcs                                                                                           |
| DATA SHEET                           |  PS9505-V-AX.pdf |
| VOLTAGE - SUPPLY                     | 15 V ~ 30 V                                                                                         |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.56V                                                                                               |
| TECHNOLOGY                           | Optical Coupling                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                               |
| SERIES                               | -                                                                                                   |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                                                          |
| PULSE WIDTH DISTORTION (MAX)         | 100ns                                                                                               |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 250ns, 250ns                                                                                        |
| PACKAGING                            | Strip                                                                                               |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                              |
| OTHER NAMES                          | 559-1652                                                                                            |
| OPERATING TEMPERATURE                | -40°C ~ 110°C                                                                                       |
| NUMBER OF CHANNELS                   | 1                                                                                                   |
| MOUNTING TYPE                        | Through Hole                                                                                        |
| 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-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                            | CSA, SEMKO, UL, VDE                                                                                 |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Renesas Electronics America PS9505-V-AX | PS9505-V-AX Distributor              | PS9505-V-AX Supplier                        |
| PS9505-V-AX Price                       | PS9505-V-AX Pictures                 | PS9505-V-AX Image                           |
| PS9505-V-AX PDF Datasheet               | PS9505-V-AX Download Datasheet       | PS9505-V-AX Datasheet                       |
| PS9505-V-AX Stock                       | Buy PS9505-V-AX                      | Buy Renesas Electronics America PS9505-V-AX |
| Renesas Electronics America PS9505-V-AX | Renesas Electronics America Supplier | Renesas Electronics America Distributor     |
| Renesas Electronics America PS9505-V-AX | Renesas Technology Corp PS9505-V-AX  | Renesas PS9505-V-AX                         |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PS9505L2-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 36078 pcs</div> <div>RFQ</div>             | <div></div> <div><b>PS9505-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 26632 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PS9402-V-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRVR 16SSOP<br/>In stock: 16337 pcs</div> <div>RFQ</div>            | <div></div> <div><b>PS9505L2-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 55095 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>PS9505L2-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 4898 pcs</div> <div>RFQ</div> | <div></div> <div><b>PS9505L2-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 3921 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PS9505L3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 36310 pcs</div> <div>RFQ</div>             | <div></div> <div><b>PS9505L1-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 3877 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PS9402-V-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRVR 16SSOP<br/>In stock: 18060 pcs</div> <div>RFQ</div>         | <div></div> <div><b>PS9505-V-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 3480 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PS9402-V-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRVR 16SSOP<br/>In stock: 3269 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PS9402-V-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRVR 16SSOP<br/>In stock: 6954 pcs</div> <div>RFQ</div> |