



Renesas Electronics America



PS9306L-AX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS9306L-AX                                                                                                   |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISO 5KV GATE DRIVER 6SDIP GW                                                                             |
| Datasheets:         |  PS9306L-AX.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 36803 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PS9306L-AX

|                                      |                                                                                                    |
|--------------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                          | PS9306L-AX                                                                                         |
| MANUFACTURER                         | Renesas Electronics America                                                                        |
| DESCRIPTION                          | OPTOISO 5KV GATE DRIVER 6SDIP GW                                                                   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE                   | 36803 pcs                                                                                          |
| DATA SHEET                           |  PS9306L-AX.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 30 V                                                                                        |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.56V                                                                                              |
| TECHNOLOGY                           | Optical Coupling                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 6-SDIP Gull Wing                                                                                   |
| SERIES                               | -                                                                                                  |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                                                         |
| PULSE WIDTH DISTORTION (MAX)         | 250ns                                                                                              |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 400ns, 400ns                                                                                       |
| PACKAGING                            | Strip                                                                                              |
| PACKAGE / CASE                       | 6-SOIC (0.268", 6.80mm Width)                                                                      |
| OTHER NAMES                          | 559-1607                                                                                           |
| OPERATING TEMPERATURE                | -40°C ~ 110°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                 | 600mA Gate Driver Optical Coupling 5000Vrms 1 Channel 6-SDIP Gull Wing                             |
| CURRENT - PEAK OUTPUT                | 600mA                                                                                              |
| CURRENT - OUTPUT HIGH, LOW           | 400mA, 400mA                                                                                       |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                               |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                            |
| APPROVALS                            | CSA, SEMKO, UL                                                                                     |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Renesas Electronics America PS9306L-AX | PS9306L-AX Distributor               | PS9306L-AX Supplier                        |
| PS9306L-AX Price                       | PS9306L-AX Pictures                  | PS9306L-AX Image                           |
| PS9306L-AX PDF Datasheet               | PS9306L-AX Download Datasheet        | PS9306L-AX Datasheet                       |
| PS9306L-AX Stock                       | Buy PS9306L-AX                       | Buy Renesas Electronics America PS9306L-AX |
| Renesas Electronics America PS9306L-AX | Renesas Electronics America Supplier | Renesas Electronics America Distributor    |
| Renesas Electronics America PS9306L-AX | Renesas Technology Corp PS9306L-AX   | Renesas PS9306L-AX                         |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>PS9306L-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 75090 pcs</div> <div>RFQ</div>              | <div></div> <div><b>PS9305L-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8SDIP GW<br/>In stock: 3207 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PS9305L-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 8SDIP GW<br/>In stock: 46323 pcs</div> <div>RFQ</div>             | <div></div> <div><b>PS9306L-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 6009 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PS9303L2-V-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV PUSH PULL 6DIP GW<br/>In stock: 2737 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PS9306L2-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 6SDIP GW<br/>In stock: 6681 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PS9306L2-V-E3-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 6SDIP GW<br/>In stock: 5904 pcs</div> <div>RFQ</div> | <div></div> <div><b>PS9306L-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 6SDIP GW<br/>In stock: 6875 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PS9305L-AX</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV GATE DRIVER 8SDIP GW<br/>In stock: 15180 pcs</div> <div>RFQ</div>      | <div></div> <div><b>PS9303L2-V-E3-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV PUSH PULL 6DIP GW<br/>In stock: 48728 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>PS9303L2-V-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV PUSH PULL 6DIP GW<br/>In stock: 28231 pcs</div> <div>RFQ</div>                | <div></div> <div><b>PS9306L2-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 5KV GATE DRIVER 6SDIP GW<br/>In stock: 44070 pcs</div> <div>RFQ</div>            |