



Renesas Electronics America



PS2501AL-1-P-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2501AL-1-P-A                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISOLATOR 5KV TRANS 4SMD                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 470707 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PS2501AL-1-P-A

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| PART NUMBER                      | PS2501AL-1-P-A                                          |
| MANUFACTURER                     | Renesas Electronics America                             |
| DESCRIPTION                      | OPTOISOLATOR 5KV TRANS 4SMD                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                              |
| QUANTITY AVAILABLE               | 470707 pcs                                              |
| DATA SHEET                       |                                                         |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                     |
| VOLTAGE - ISOLATION              | 5000Vrms                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                    |
| VCE SATURATION (MAX)             | 300mV                                                   |
| TURN ON / TURN OFF TIME (TYP)    | -                                                       |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                   |
| SERIES                           | NEPOC                                                   |
| RISE / FALL TIME (TYP)           | 3µs, 5µs                                                |
| PACKAGING                        | Tube                                                    |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                        |
| OUTPUT TYPE                      | Transistor                                              |
| OTHER NAMES                      | 559-1230                                                |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                           |
| NUMBER OF CHANNELS               | 1                                                       |
| MOUNTING TYPE                    | Surface Mount                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                              |
| INPUT TYPE                       | DC                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5000Vrms 1 Channel 4-SMD |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 5mA                                               |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 5mA                                              |
| CURRENT - OUTPUT / CHANNEL       | 30mA                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 30mA                                                    |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America PS2501AL-1-P-A | PS2501AL-1-P-A Distributor             | PS2501AL-1-P-A Supplier                        |
| PS2501AL-1-P-A Price                       | PS2501AL-1-P-A Pictures                | PS2501AL-1-P-A Image                           |
| PS2501AL-1-P-A PDF Datasheet               | PS2501AL-1-P-A Download Datasheet      | PS2501AL-1-P-A Datasheet                       |
| PS2501AL-1-P-A Stock                       | Buy PS2501AL-1-P-A                     | Buy Renesas Electronics America PS2501AL-1-P-A |
| Renesas Electronics America PS2501AL-1-P-A | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America PS2501AL-1-P-A | Renesas Technology Corp PS2501AL-1-P-A | Renesas PS2501AL-1-P-A                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PS2501L-1</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 4508 pcs<br/>RFQ</div>         |  <div><b>PS2501AL-1-P-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 4378 pcs<br/>RFQ</div> |
|  <div><b>PS2501AL-1-Q-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 3501 pcs<br/>RFQ</div>    |  <div><b>PS2501AL-1-W-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 4240 pcs<br/>RFQ</div> |
|  <div><b>PS2501AL-1-F3-W-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 648387 pcs<br/>RFQ</div>         |  <div><b>PS2501AL-1-H-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 418878 pcs<br/>RFQ</div>         |
|  <div><b>PS2501AL-1-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 392739 pcs<br/>RFQ</div>            |  <div><b>PS2501AL-1-H-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 6599 pcs<br/>RFQ</div> |
|  <div><b>PS2501AL-1-F3-W-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 4182 pcs<br/>RFQ</div> |  <div><b>PS2501AL-1-W-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 485149 pcs<br/>RFQ</div>         |
|  <div><b>PS2501AL-1-Q-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 427266 pcs<br/>RFQ</div>            |  <div><b>PS2501AL-1-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 3706 pcs<br/>RFQ</div> |