



Renesas Electronics America



PS2501-1-D-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2501-1-D-A                                                                                                 |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISOLATOR 5KV TRANS 4DIP                                                                                  |
| Datasheets:         |  PS2501-1-D-A.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 461303 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PS2501-1-D-A

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PS2501-1-D-A                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                          |
| DESCRIPTION                      | OPTOISOLATOR 5KV TRANS 4DIP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 461303 pcs                                                                                           |
| DATA SHEET                       |  PS2501-1-D-A.pdf |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                  |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                             |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.17V                                                                                                |
| VCE SATURATION (MAX)             | 300mV                                                                                                |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 4-DIP                                                                                                |
| SERIES                           | NEPOC                                                                                                |
| RISE / FALL TIME (TYP)           | 3µs, 5µs                                                                                             |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 4-DIP (0.300", 7.62mm)                                                                               |
| OUTPUT TYPE                      | Transistor                                                                                           |
| OTHER NAMES                      | 559-1218                                                                                             |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                        |
| NUMBER OF CHANNELS               | 1                                                                                                    |
| MOUNTING TYPE                    | Through Hole                                                                                         |
| 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-DIP                                              |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 5mA                                                                                           |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 5mA                                                                                           |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                 |
| CURRENT - DC FORWARD (IF) (MAX)  | 80mA                                                                                                 |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Renesas Electronics America PS2501-1-D-A | PS2501-1-D-A Distributor             | PS2501-1-D-A Supplier                        |
| PS2501-1-D-A Price                       | PS2501-1-D-A Pictures                | PS2501-1-D-A Image                           |
| PS2501-1-D-A PDF Datasheet               | PS2501-1-D-A Download Datasheet      | PS2501-1-D-A Datasheet                       |
| PS2501-1-D-A Stock                       | Buy PS2501-1-D-A                     | Buy Renesas Electronics America PS2501-1-D-A |
| Renesas Electronics America PS2501-1-D-A | Renesas Electronics America Supplier | Renesas Electronics America Distributor      |
| Renesas Electronics America PS2501-1-D-A | Renesas Technology Corp PS2501-1-D-A | Renesas PS2501-1-D-A                         |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
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|  <div><b>PS24V-50W</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: POWER SUPPLY 115/230VAC IN 24VDC<br/>In stock: 224 pcs<br/>RFQ</div>          |  <div><b>PS2501-1-H-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 192691 pcs<br/>RFQ</div> |
|  <div><b>PS2501-1-D-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 6698 pcs<br/>RFQ</div>   |  <div><b>PS25/A0220/63</b><br/>Manufacturers: Arcoelectric (Bulgin)<br/>Description: PWR ENT MOD RCPT IEC320-C14 PNL<br/>In stock: 3158 pcs<br/>RFQ</div>              |
|  <div><b>PS2501-1-Q-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 593970 pcs<br/>RFQ</div>           |  <div><b>PS2501-1-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 178245 pcs<br/>RFQ</div>   |
|  <div><b>PS2501-1-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 182847 pcs<br/>RFQ</div> |  <div><b>PS25/A0420/63</b><br/>Manufacturers: Arcoelectric (Bulgin)<br/>Description: PWR ENT MOD RCPT IEC320-C14 PNL<br/>In stock: 3157 pcs<br/>RFQ</div>              |
|  <div><b>PS2501-1-K-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 163411 pcs<br/>RFQ</div> |  <div><b>PS25/B0220/63</b><br/>Manufacturers: Arcoelectric (Bulgin)<br/>Description: PWR ENT MOD RCPT IEC320-C14 PNL<br/>In stock: 3696 pcs<br/>RFQ</div>              |
|  <div><b>PS2501-1-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 151318 pcs<br/>RFQ</div> |  <div><b>PS2501-1</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: 2965 pcs<br/>RFQ</div>       |