



Renesas Electronics America



PS2815-1-V-F3-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2815-1-V-F3-A                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISOLATOR 2.5KV TRANS 4SOIC                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 206534 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

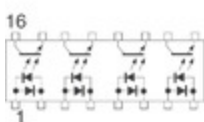
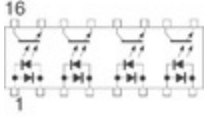
Specifications of PS2815-1-V-F3-A

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| PART NUMBER                      | PS2815-1-V-F3-A                                          |
| MANUFACTURER                     | Renesas Electronics America                              |
| DESCRIPTION                      | OPTOISOLATOR 2.5KV TRANS 4SOIC                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                               |
| QUANTITY AVAILABLE               | 206534 pcs                                               |
| DATA SHEET                       |                                                          |
| VOLTAGE - OUTPUT (MAX)           | 40V                                                      |
| VOLTAGE - ISOLATION              | 2500Vrms                                                 |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.15V                                                    |
| VCE SATURATION (MAX)             | 300mV                                                    |
| TURN ON / TURN OFF TIME (TYP)    | -                                                        |
| SUPPLIER DEVICE PACKAGE          | 4-SSOP                                                   |
| SERIES                           | NEPOC                                                    |
| RISE / FALL TIME (TYP)           | 4µs, 5µs                                                 |
| PACKAGING                        | Tape & Reel (TR)                                         |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                            |
| OUTPUT TYPE                      | Transistor                                               |
| OTHER NAMES                      | 559-1527-2                                               |
| 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                       | AC, DC                                                   |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 2500Vrms 1 Channel 4-SSOP |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 1mA                                               |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 1mA                                               |
| CURRENT - OUTPUT / CHANNEL       | 40mA                                                     |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                     |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America PS2815-1-V-F3-A | PS2815-1-V-F3-A Distributor             | PS2815-1-V-F3-A Supplier                        |
| PS2815-1-V-F3-A Price                       | PS2815-1-V-F3-A Pictures                | PS2815-1-V-F3-A Image                           |
| PS2815-1-V-F3-A PDF Datasheet               | PS2815-1-V-F3-A Download Datasheet      | PS2815-1-V-F3-A Datasheet                       |
| PS2815-1-V-F3-A Stock                       | Buy PS2815-1-V-F3-A                     | Buy Renesas Electronics America PS2815-1-V-F3-A |
| Renesas Electronics America PS2815-1-V-F3-A | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America PS2815-1-V-F3-A | Renesas Technology Corp PS2815-1-V-F3-A | Renesas PS2815-1-V-F3-A                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>PS2815-1-F3-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 271148 pcs<br/><b>RFQ</b></div>         |  <div><b>PS2815-4-F3-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 84239 pcs<br/><b>RFQ</b></div>          |
|  <div><b>PS2815-1-F3-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 5096 pcs<br/><b>RFQ</b></div> |  <div><b>PS2815-1-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 141586 pcs<br/><b>RFQ</b></div>            |
|  <div><b>PS2815-1-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4-SSOP<br/>In stock: 6702 pcs<br/><b>RFQ</b></div>  |  <div><b>PS2815-4-F3</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 2800 pcs<br/><b>RFQ</b></div>     |
|  <div><b>PS2815-4</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 2985 pcs<br/><b>RFQ</b></div>        |  <div><b>PS2815-1-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 6854 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PS2815-4-F3-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 79873 pcs<br/><b>RFQ</b></div>            |  <div><b>PS2815-1-V-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 3648 pcs<br/><b>RFQ</b></div> |
|  <div><b>PS2815-4-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 26132 pcs<br/><b>RFQ</b></div>     |  <div><b>PS2815-4-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 5091 pcs<br/><b>RFQ</b></div>   |