



Renesas Electronics America



PS2805A-1-F3-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2805A-1-F3-A                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISOLATOR 2.5KV TRANS 4SMD                                                                                |
| Datasheets:         |  PS2805A-1-F3-A.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 371486 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

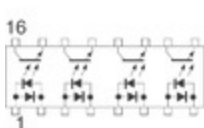
Specifications of PS2805A-1-F3-A

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PS2805A-1-F3-A                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | OPTOISOLATOR 2.5KV TRANS 4SMD                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 371486 pcs                                                                                             |
| DATA SHEET                       |  PS2805A-1-F3-A.pdf |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                    |
| VOLTAGE - ISOLATION              | 2500Vrms                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                   |
| VCE SATURATION (MAX)             | 300mV                                                                                                  |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 4-SSOP                                                                                                 |
| SERIES                           | NEPOC                                                                                                  |
| RISE / FALL TIME (TYP)           | 5µs, 7µs                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                                                                          |
| OUTPUT TYPE                      | Transistor                                                                                             |
| OTHER NAMES                      | 559-1509-2                                                                                             |
| 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)     | 50% @ 5mA                                                                                              |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 5mA                                                                                             |
| CURRENT - OUTPUT / CHANNEL       | 30mA                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 30mA                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America PS2805A-1-F3-A | PS2805A-1-F3-A Distributor             | PS2805A-1-F3-A Supplier                        |
| PS2805A-1-F3-A Price                       | PS2805A-1-F3-A Pictures                | PS2805A-1-F3-A Image                           |
| PS2805A-1-F3-A PDF Datasheet               | PS2805A-1-F3-A Download Datasheet      | PS2805A-1-F3-A Datasheet                       |
| PS2805A-1-F3-A Stock                       | Buy PS2805A-1-F3-A                     | Buy Renesas Electronics America PS2805A-1-F3-A |
| Renesas Electronics America PS2805A-1-F3-A | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America PS2805A-1-F3-A | Renesas Technology Corp PS2805A-1-F3-A | Renesas PS2805A-1-F3-A                         |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PS2805A-1-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SMD<br/>In stock: 5750 pcs</div> <div>RFQ</div> |  <div><b>PS2805-4-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 13709 pcs</div> <div>RFQ</div>      |
|  <div><b>PS2805C-1-F3-M-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 334711 pcs</div> <div>RFQ</div>      |  <div><b>PS2805-4</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 3589 pcs</div> <div>RFQ</div>         |
|  <div><b>PS2805-4-F3-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 63443 pcs</div> <div>RFQ</div>          |  <div><b>PS2805C-1-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 5232 pcs</div> <div>RFQ</div>      |
|  <div><b>PS2805A-1-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SMD<br/>In stock: 69702 pcs</div> <div>RFQ</div>   |  <div><b>PS2805-1-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 125290 pcs</div> <div>RFQ</div>             |
|  <div><b>PS2805A-4-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16-SSOP<br/>In stock: 29112 pcs</div> <div>RFQ</div> |  <div><b>PS2805C-1-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 381414 pcs</div> <div>RFQ</div> |
|  <div><b>PS2805-4-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 4CH TRANS 16SOIC<br/>In stock: 3476 pcs</div> <div>RFQ</div> |  <div><b>PS2805C-1-F3-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 5685 pcs</div> <div>RFQ</div> |