



Renesas Electronics America



PS2701-1Y-F3-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2701-1Y-F3-A                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | OPTOISOLATOR 3.75KV TRANS 4SMD                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 372612 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 PS2701-1Y-F3-A

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| PART NUMBER                      | PS2701-1Y-F3-A                                          |
| MANUFACTURER                     | Renesas Electronics America                             |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 4SMD                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                              |
| QUANTITY AVAILABLE               | 372612 pcs                                              |
| DATA SHEET                       |                                                         |
| VOLTAGE - OUTPUT (MAX)           | 40V                                                     |
| VOLTAGE - ISOLATION              | 3750Vrms                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.1V                                                    |
| VCE SATURATION (MAX)             | 300mV                                                   |
| TURN ON / TURN OFF TIME (TYP)    | -                                                       |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                   |
| SERIES                           | NEPOC                                                   |
| RISE / FALL TIME (TYP)           | 3µs, 5µs                                                |
| PACKAGING                        | Tape & Reel (TR)                                        |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                        |
| OUTPUT TYPE                      | Transistor                                              |
| OTHER NAMES                      | 559-1427-2                                              |
| 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                       | DC                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 4-SMD |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 5mA                                               |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 5mA                                              |
| CURRENT - OUTPUT / CHANNEL       | 80mA                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                    |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America PS2701-1Y-F3-A | PS2701-1Y-F3-A Distributor             | PS2701-1Y-F3-A Supplier                        |
| PS2701-1Y-F3-A Price                       | PS2701-1Y-F3-A Pictures                | PS2701-1Y-F3-A Image                           |
| PS2701-1Y-F3-A PDF Datasheet               | PS2701-1Y-F3-A Download Datasheet      | PS2701-1Y-F3-A Datasheet                       |
| PS2701-1Y-F3-A Stock                       | Buy PS2701-1Y-F3-A                     | Buy Renesas Electronics America PS2701-1Y-F3-A |
| Renesas Electronics America PS2701-1Y-F3-A | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America PS2701-1Y-F3-A | Renesas Technology Corp PS2701-1Y-F3-A | Renesas PS2701-1Y-F3-A                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>PS2701A-1-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 118803 pcs</div> <div>RFQ</div>     |  <div><b>PS2701A-1-F3-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 548628 pcs</div> <div>RFQ</div>          |
|  <div><b>PS2701-1-V-F3-P-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 2719 pcs</div> <div>RFQ</div> |  <div><b>PS2701-1-V-F3-Y-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 364748 pcs</div> <div>RFQ</div>         |
|  <div><b>PS2701A-1-F3-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 6490 pcs</div> <div>RFQ</div>  |  <div><b>PS2701-1-V-F3-P-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 380475 pcs</div> <div>RFQ</div>         |
|  <div><b>PS2701A-1-F3-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 3021 pcs</div> <div>RFQ</div>  |  <div><b>PS2701-1-V-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 3030 pcs</div> <div>RFQ</div>    |
|  <div><b>PS2701-1-V-M-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 233839 pcs</div> <div>RFQ</div>            |  <div><b>PS2701-1Y-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 2963 pcs</div> <div>RFQ</div>    |
|  <div><b>PS2701A-1-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 579256 pcs</div> <div>RFQ</div>  |  <div><b>PS2701-1-V-F3-Y-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 7016 pcs</div> <div>RFQ</div> |