



CEL (California Eastern Laboratories)

Laboratories)



PS2801C-1-L-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS2801C-1-L-A                                                                                                |
| Manufacturer/Brand: | CEL (California Eastern Laboratories)                                                                        |
| Product description | OPTOISOLATOR 2.5KV TRANS 4SOIC                                                                               |
|                     |  1.PS2801C-1-L-A.pdf        |
|                     |  2.PS2801C-1-L-A.pdf        |
|                     |  3.PS2801C-1-L-A.pdf        |
|                     |  4.PS2801C-1-L-A.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| 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 PS2801C-1-L-A

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| PART NUMBER                      | PS2801C-1-L-A                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | CEL (California Eastern Laboratories)                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | OPTOISOLATOR 2.5KV TRANS 4SOIC                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.PS2801C-1-L-A.pdf<br> 2.PS2801C-1-L-A.pdf<br> 3.PS2801C-1-L-A.pdf<br> 4.PS2801C-1-L-A.pdf |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| VOLTAGE - ISOLATION              | 2500Vrms                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| VCE SATURATION (MAX)             | 300mV                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TURN ON / TURN OFF TIME (TYP)    | 10μs, 7μs                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 4-SSOP                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RISE / FALL TIME (TYP)           | 5μs, 7μs                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Strip                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                                                                                            |
| OUTPUT TYPE                      | Transistor                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | PS2801C1LA                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 2500Vrms 1 Channel 4-SSOP                                                                                                                                                                                                                                                                                                                                                                                 |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 5mA                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 5mA                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CURRENT - OUTPUT / CHANNEL       | 30mA                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CURRENT - DC FORWARD (IF) (MAX)  | 30mA                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| CEL (California Eastern Laboratories) PS2801C-1-L-A | PS2801C-1-L-A Distributor                           | PS2801C-1-L-A Supplier                                  |
| PS2801C-1-L-A Price                                 | PS2801C-1-L-A Pictures                              | PS2801C-1-L-A Image                                     |
| PS2801C-1-L-A PDF Datasheet                         | PS2801C-1-L-A Download Datasheet                    | PS2801C-1-L-A Datasheet                                 |
| PS2801C-1-L-A Stock                                 | Buy PS2801C-1-L-A                                   | Buy CEL (California Eastern Laboratories) PS2801C-1-L-A |
| CEL (California Eastern Laboratories) PS2801C-1-L-A | CEL (California Eastern Laboratories) Supplier      | CEL (California Eastern Laboratories) Distributor       |
| CEL (California Eastern Laboratories) PS2801C-1-L-A | California Eastern Labs PS2801C-1-L-A               | California Eastern Laboratories PS2801C-1-L-A           |
| CEL PS2801C-1-L-A                                   | CEL (California Eastern Laboratories) PS2801C-1-L-A |                                                         |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>PS2801C-1-V-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 544 pcs<br/>RFQ</div>      |  <div><b>PS2801C-1-V-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PS2801C-1-F3-L-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>PS2801C-1-F3-M-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>           |
|  <div><b>PS2801C-1-M-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>              |  <div><b>PS2801C-1-F3-L-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PS2801C-1-F3-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PS2801C-1-M-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>PS2801C-1-F3-P-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PS2801C-1-P-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: 817 pcs<br/>RFQ</div>      |
|  <div><b>PS2801C-1-F3-P-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>PS2801C-1-V-F3-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: OPTOISOLATOR 2.5KV TRANS 4SOIC<br/>In stock: Out stock<br/>RFQ</div>           |