



CEL (California Eastern Laboratories)

Laboratories)



PS9814-1-F3-A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PS9814-1-F3-A                                                                                                |
| Manufacturer/Brand: | CEL (California Eastern Laboratories)                                                                        |
| Product description | OPTOISO 2.5KV OPEN COLL 8SSOP                                                                                |
|                     |  1.PS9814-1-F3-A.pdf        |
|                     |  2.PS9814-1-F3-A.pdf        |
|                     |  3.PS9814-1-F3-A.pdf        |
|                     |  4.PS9814-1-F3-A.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6344 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PS9814-1-F3-A

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | PS9814-1-F3-A                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                         | CEL (California Eastern Laboratories)                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                          | OPTOISO 2.5KV OPEN COLL 8SSOP                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE                   | 6344 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                           |  1.PS9814-1-F3-A.pdf<br> 2.PS9814-1-F3-A.pdf<br> 3.PS9814-1-F3-A.pdf<br> 4.PS9814-1-F3-A.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                            |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.65V                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-SSOP                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                               | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RISE / FALL TIME (TYP)               | 20ns, 10ns                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 75ns, 75ns                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                            | Cut Tape (CT)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                                                                                                                                            |
| OUTPUT TYPE                          | Open Collector                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                          | PS9814-1CT<br>PS98141F3A                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE                | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF CHANNELS                   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOUNTING TYPE                        | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| INPUT TYPE                           | DC                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 10Mbps Open Collector 2500Vrms 1 Channel 10kV/μs CMTI 8-SSOP                                                                                                                                                                                                                                                                                                                                                   |
| DATA RATE                            | 10Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CURRENT - OUTPUT / CHANNEL           | 25mA                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| CEL (California Eastern Laboratories) PS9814-1-F3-A | PS9814-1-F3-A Distributor                           | PS9814-1-F3-A Supplier                                  |
| PS9814-1-F3-A Price                                 | PS9814-1-F3-A Pictures                              | PS9814-1-F3-A Image                                     |
| PS9814-1-F3-A PDF Datasheet                         | PS9814-1-F3-A Download Datasheet                    | PS9814-1-F3-A Datasheet                                 |
| PS9814-1-F3-A Stock                                 | Buy PS9814-1-F3-A                                   | Buy CEL (California Eastern Laboratories) PS9814-1-F3-A |
| CEL (California Eastern Laboratories) PS9814-1-F3-A | CEL (California Eastern Laboratories) Supplier      | CEL (California Eastern Laboratories) Distributor       |
| CEL (California Eastern Laboratories) PS9814-1-F3-A | California Eastern Labs PS9814-1-F3-A               | California Eastern Laboratories PS9814-1-F3-A           |
| CEL PS9814-1-F3-A                                   | CEL (California Eastern Laboratories) PS9814-1-F3-A |                                                         |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PS9814-2-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 2CH OPEN COL 8SSOP<br/>In stock: 5728 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PS9701</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPN COLLECTOR 5SOP<br/>In stock: 4516 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PS9814-1-V-F4-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPEN COLL 8SSOP<br/>In stock: 3023 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PS9687L2-V-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV OPEN COLL 8SMD GW<br/>In stock: 3829 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PS9687L2-V-E3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV OPEN COLL 8SMD GW<br/>In stock: 5225 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PS9814-1-F4-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPEN COLL 8SSOP<br/>In stock: 5128 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PS9714-F3</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPN COLLECTOR 5SOP<br/>In stock: 3971 pcs</div> <div>RFQ</div>     | <div></div> <div><b>PS9814-1-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPEN COLL 8SSOP<br/>In stock: 2727 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PS9814-2-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV 2CH OPEN COL 8SSOP<br/>In stock: 4693 pcs</div> <div>RFQ</div> | <div></div> <div><b>PS9687L2-E3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 5KV OPEN COLL 8SMD GW<br/>In stock: 4047 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PS9814-1-V-F3-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPEN COLL 8SSOP<br/>In stock: 3272 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PS9814-1-V-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISO 2.5KV OPEN COLL 8SSOP<br/>In stock: 3639 pcs</div> <div>RFQ</div>  |

