



Peregrine Semiconductor

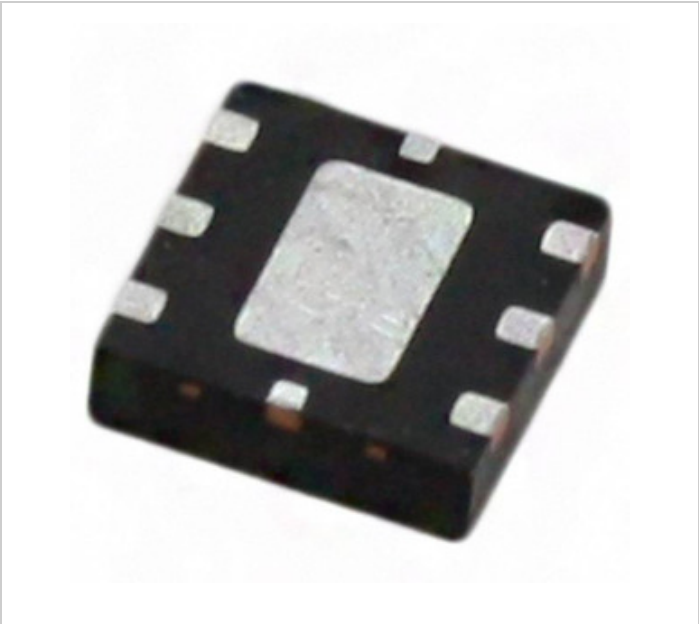


Image may be representation. See specifications for product details.

4271-52

|                     |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 4271-52                                                                                                                                                                                            |
| Manufacturer/Brand: | Peregrine Semiconductor                                                                                                                                                                            |
| Product description | IC RF SWITCH SPST 75OHM 6-DFN                                                                                                                                                                      |
| Datasheets:         |  1.4271-52.pdf<br> 2.4271-52.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                       |
| Stock Condition     | 4827 pcs stock                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                              |

REQUEST FOR QUOTATION

Specifications of 4271-52

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 4271-52                                                                                                                                                                                                |
| MANUFACTURER                     | Peregrine Semiconductor                                                                                                                                                                                |
| DESCRIPTION                      | IC RF SWITCH SPST 75OHM 6-DFN                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 4827 pcs                                                                                                                                                                                               |
| DATA SHEET                       |  1.4271-52.pdf<br> 2.4271-52.pdf |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 3.3 V                                                                                                                                                                                          |
| TOPOLOGY                         | Absorptive                                                                                                                                                                                             |
| TEST FREQUENCY                   | 1GHz                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 6-DFN (3x3)                                                                                                                                                                                            |
| SERIES                           | UltraCMOS®                                                                                                                                                                                             |
| RF TYPE                          | CATV                                                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                       |
| PACKAGE / CASE                   | 6-VDFN Exposed Pad                                                                                                                                                                                     |
| P1DB                             | 33dBm                                                                                                                                                                                                  |
| OTHER NAMES                      | 1046-1027-2<br>4271<br>427152<br>PE4271                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                             |
| ISOLATION                        | 60dB                                                                                                                                                                                                   |
| INSERTION LOSS                   | 0.7dB                                                                                                                                                                                                  |
| IMPEDANCE                        | 75 Ohm                                                                                                                                                                                                 |
| IIP3                             | 50dBm (min)                                                                                                                                                                                            |
| FREQUENCY RANGE                  | DC ~ 3GHz                                                                                                                                                                                              |
| FEATURES                         | Single Line Control                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | RF Switch IC CATV SPST 3GHz 75 Ohm 6-DFN (3x3)                                                                                                                                                         |
| CIRCUIT                          | SPST                                                                                                                                                                                                   |

Related Tags

|                                 |                                  |                                     |
|---------------------------------|----------------------------------|-------------------------------------|
| Peregrine Semiconductor 4271-52 | 4271-52 Distributor              | 4271-52 Supplier                    |
| 4271-52 Price                   | 4271-52 Pictures                 | 4271-52 Image                       |
| 4271-52 PDF Datasheet           | 4271-52 Download Datasheet       | 4271-52 Datasheet                   |
| 4271-52 Stock                   | Buy 4271-52                      | Buy Peregrine Semiconductor 4271-52 |
| Peregrine Semiconductor 4271-52 | Peregrine Semiconductor Supplier | Peregrine Semiconductor Distributor |
| Peregrine Semiconductor 4271-52 | pSemi 4271-52                    |                                     |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>42713-2</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN QC RCPT 14-18AWG 0.205<br/>In stock: 1421845 pcs<br/><b>RFQ</b></div> |  <div><b>4270-9R</b><br/>Manufacturers: SCS<br/>Description: COVER CIRCULAR .50" ID 1000PCS<br/>In stock: 170 pcs<br/><b>RFQ</b></div>                               |
|  <div><b>42712-2</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN QC RCPT 14-18AWG 0.205<br/>In stock: 605895 pcs<br/><b>RFQ</b></div>  |  <div><b>42716-2</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN RING CIRC 14-18AWG #10<br/>In stock: 682458 pcs<br/><b>RFQ</b></div>  |
|  <div><b>4272-00</b><br/>Manufacturers: Peregrine Semiconductor<br/>Description: KIT EVAL FOR 4272 RF SWITCH<br/>In stock: 2780 pcs<br/><b>RFQ</b></div>             |  <div><b>42710-2</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN QC RCPT 18-22AWG 0.205<br/>In stock: 1980888 pcs<br/><b>RFQ</b></div> |
|  <div><b>42710-1</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN QC RCPT 18-22AWG 0.205<br/>In stock: 2200731 pcs<br/><b>RFQ</b></div> |  <div><b>42700-1</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN TERM RCPT R/A 16-20AWG<br/>In stock: 301397 pcs<br/><b>RFQ</b></div>  |
|  <div><b>4270-A</b><br/>Manufacturers: 3M<br/>Description: HAND PRESSER<br/>In stock: 219 pcs<br/><b>RFQ</b></div>                                                   |  <div><b>4270-8R</b><br/>Manufacturers: SCS<br/>Description: COVER CIRCULAR .480" ID 1000PCS<br/>In stock: 225 pcs<br/><b>RFQ</b></div>                              |
|  <div><b>4271-00</b><br/>Manufacturers: Peregrine Semiconductor<br/>Description: KIT EVAL FOR 4271 RF SWITCH<br/>In stock: 5666 pcs<br/><b>RFQ</b></div>             |  <div><b>4270-8Y</b><br/>Manufacturers: SCS<br/>Description: COVER CIRCULAR .413" ID 1000PCS<br/>In stock: 254 pcs<br/><b>RFQ</b></div>                              |