



Sharp Microelectronics



Image may be representation. See specifications for product details.

PC81712NIP0X

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PC81712NIP0X                                                                                                       |
| Manufacturer/Brand: | Sharp Microelectronics                                                                                             |
| Product description | OPTOISOLATOR 5KV TRANS 4SMD                                                                                        |
| Datasheets:         |  <a href="#">PC81712NIP0X.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of PC81712NIP0X

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PC81712NIP0X                                                                                                         |
| MANUFACTURER                     | Sharp Microelectronics                                                                                               |
| DESCRIPTION                      | OPTOISOLATOR 5KV TRANS 4SMD                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">PC81712NIP0X.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                                  |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                                             |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                                 |
| VCE SATURATION (MAX)             | 200mV                                                                                                                |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                                                                                |
| SERIES                           | -                                                                                                                    |
| RISE / FALL TIME (TYP)           | 4μs, 3μs                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                                                                     |
| OUTPUT TYPE                      | Transistor                                                                                                           |
| OTHER NAMES                      | 425-2771-2<br>425-2771-ND<br>PC81712NIP0X-ND                                                                         |
| OPERATING TEMPERATURE            | -30°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 5000Vrms 1 Channel 4-SMD                                                              |
| CURRENT TRANSFER RATIO (MIN)     | 160% @ 500μA                                                                                                         |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 500μA                                                                                                         |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                 |
| CURRENT - DC FORWARD (IF) (MAX)  | 10mA                                                                                                                 |

Related Tags

|                                     |                                 |                                         |
|-------------------------------------|---------------------------------|-----------------------------------------|
| Sharp Microelectronics PC81712NIP0X | PC81712NIP0X Distributor        | PC81712NIP0X Supplier                   |
| PC81712NIP0X Price                  | PC81712NIP0X Pictures           | PC81712NIP0X Image                      |
| PC81712NIP0X PDF Datasheet          | PC81712NIP0X Download Datasheet | PC81712NIP0X Datasheet                  |
| PC81712NIP0X Stock                  | Buy PC81712NIP0X                | Buy Sharp Microelectronics PC81712NIP0X |
| Sharp Microelectronics PC81712NIP0X | Sharp Microelectronics Supplier | Sharp Microelectronics Distributor      |
| Sharp Microelectronics PC81712NIP0X | Sharp Electronics PC81712NIP0X  |                                         |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PC81713NIP0F</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>       |  <div><b>PC81712NSZ1H</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>        |
|  <div><b>PC81712NIP</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>         |  <div><b>PC81713NIP</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>         |
|  <div><b>PC81711NIP0X</b><br/>Manufacturers: <a href="#">Socle Technology Corporation</a><br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div> |  <div><b>PC81712NSZ0X</b><br/>Manufacturers: <a href="#">Socle Technology Corporation</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div> |
|  <div><b>PC81711NSZ0X</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>       |  <div><b>PC81712NIP0F</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>       |
|  <div><b>PC81711NSZ</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>         |  <div><b>PC81712NSZ0F</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>       |
|  <div><b>PC81712NSZ</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>         |  <div><b>PC81711NSZ0F</b><br/>Manufacturers: <a href="#">Sharp Microelectronics</a><br/>Description: OPTOISOLATOR 5KV TRANS 4DIP<br/>In stock: <a href="#">Out stock</a><br/><a href="#">RFQ</a></div>       |