

Sharp Microelectronics

PC451

|                     |                                    |
|---------------------|------------------------------------|
| Part Number:        | PC451                              |
| Manufacturer/Brand: | Sharp Microelectronics             |
| Product description | OPTOISOLATOR 3.75KV TRANS 4SMD     |
| Datasheets:         | PC451.pdf                          |
| RoHs Status         | Contains lead / RoHS non-compliant |
| Stock Condition     | 5875 pcs stock                     |
| Ship From           | Hong Kong                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS              |

REQUEST FOR QUOTATION

Specifications of PC451

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| PART NUMBER                      | PC451                                                   |
| MANUFACTURER                     | Sharp Microelectronics                                  |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 4SMD                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                      |
| QUANTITY AVAILABLE               | 5875 pcs                                                |
| DATA SHEET                       | PC451.pdf                                               |
| VOLTAGE - OUTPUT (MAX)           | 350V                                                    |
| VOLTAGE - ISOLATION              | 3750Vrms                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                    |
| VCE SATURATION (MAX)             | 300mV                                                   |
| TURN ON / TURN OFF TIME (TYP)    | -                                                       |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                   |
| SERIES                           | -                                                       |
| RISE / FALL TIME (TYP)           | 4µs, 5µs                                                |
| PACKAGING                        | Tape & Reel (TR)                                        |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                        |
| OUTPUT TYPE                      | Transistor                                              |
| OTHER NAMES                      | 425-1525-2                                              |
| OPERATING TEMPERATURE            | -25°C ~ 100°C                                           |
| NUMBER OF CHANNELS               | 1                                                       |
| MOUNTING TYPE                    | Surface Mount                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                      |
| INPUT TYPE                       | DC                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 4-SMD |
| CURRENT TRANSFER RATIO (MIN)     | 40% @ 5mA                                               |
| CURRENT TRANSFER RATIO (MAX)     | -                                                       |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                    |

Related Tags

|                              |                                 |                                    |
|------------------------------|---------------------------------|------------------------------------|
| Sharp Microelectronics PC451 | PC451 Distributor               | PC451 Supplier                     |
| PC451 Price                  | PC451 Pictures                  | PC451 Image                        |
| PC451 PDF Datasheet          | PC451 Download Datasheet        | PC451 Datasheet                    |
| PC451 Stock                  | Buy PC451                       | Buy Sharp Microelectronics PC451   |
| Sharp Microelectronics PC451 | Sharp Microelectronics Supplier | Sharp Microelectronics Distributor |
| Sharp Microelectronics PC451 | Sharp Electronics PC451         |                                    |

Related Products

|                                                                                                                                                                                       |                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PC450T11</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 4498 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>PC44PQ40/40Z-12</b><br/>Manufacturers: TDK Corporation<br/>Description: FERRITE CORE FOR SWITCHING POWER<br/>In stock: 31622 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PC44PQ35/35Z-12</b><br/>Manufacturers: TDK Corporation<br/>Description: FERRITE CORE FOR SWITCHING POWER<br/>In stock: 63143 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>PC451TJ0000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 6413 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PC452J00000F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: 160288 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PC44PQ20/16Z-12-NN</b><br/>Manufacturers: TDK Corporation<br/>Description: FERRITE CORE FOR SWITCHING POWER<br/>In stock: 144693 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PC452</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: 5761 pcs<br/><div>RFQ</div></div>                | <div></div> <div><b>PC44ER9.5/5-Z</b><br/>Manufacturers: TDK Corporation<br/>Description: FERRITE CORE FOR SWITCHING POWER<br/>In stock: 173469 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>PC451J00000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SMD<br/>In stock: 48309 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>PC452TJ0000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: 3533 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PC456L0NIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV OPEN COLL 5MFP<br/>In stock: 2898 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>PC44PQ32/30Z-12</b><br/>Manufacturers: TDK Corporation<br/>Description: FERRITE CORE FOR SWITCHING POWER<br/>In stock: 90264 pcs<br/><div>RFQ</div></div>     |