



PC457L0NIT0F

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | PC457L0NIT0F                  |
| Manufacturer/Brand: | Sharp Microelectronics        |
| Product description | OPTOISOLATOR 3.75KV TRANS 6SO |
| Datasheets:         |                               |
| RoHs Status         | Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of PC457L0NIT0F

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| PART NUMBER                      | PC457L0NIT0F                                      |
| MANUFACTURER                     | Sharp Microelectronics                            |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 6SO                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                        |
| DATA SHEET                       |                                                   |
| VOLTAGE - OUTPUT (MAX)           | 20V                                               |
| VOLTAGE - ISOLATION              | 3750Vrms                                          |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.7V                                              |
| VCE SATURATION (MAX)             | -                                                 |
| TURN ON / TURN OFF TIME (TYP)    | 200ns, 400ns                                      |
| SERIES                           | OPIC™                                             |
| RISE / FALL TIME (TYP)           | -                                                 |
| PACKAGING                        | Tape & Reel (TR)                                  |
| PACKAGE / CASE                   | 6-SOIC (0.173", 4.40mm Width), 5 Leads            |
| OUTPUT TYPE                      | Transistor                                        |
| OPERATING TEMPERATURE            | -55°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                        |
| INPUT TYPE                       | DC                                                |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel |
| CURRENT TRANSFER RATIO (MIN)     | 19% @ 16mA                                        |
| CURRENT TRANSFER RATIO (MAX)     | 50% @ 16mA                                        |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                               |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                              |

Related Tags

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Related Products

|                                                                                                                                                                             |                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PC457L0YIP0F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISO 3.75KV TRANSISTOR 6-SMD<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>PC457S0NIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 8SO<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>PC457L0YIP</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV TRANSISTOR 6-SMD<br/>In stock: Out stock<br/>RFQ</div>         | <div></div> <div><b>PC452TJ0000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>PC457L0YIT0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 6SO<br/>In stock: Out stock<br/>RFQ</div>         | <div></div> <div><b>PC456L0YIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV OPN COL 5MINIFLAT<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>PC452J00000F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: Out stock<br/>RFQ</div>   | <div></div> <div><b>PC457L0NIP</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV TRANSISTOR 5-SMD<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>PC457LTYIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANSISTOR<br/>In stock: Out stock<br/>RFQ</div>        | <div></div> <div><b>PC48F4400P0TB00A</b><br/>Manufacturers: Micron Technology<br/>Description: IC FLASH 512M PARALLEL 64EASYBGA<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>PC457L0NIP0F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISO 3.75KV TRANSISTOR 5-SMD<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>PC456L0NIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV OPEN COLL 5MFP<br/>In stock: Out stock<br/>RFQ</div>    |