



PC457L0YIP

|                     |                                    |
|---------------------|------------------------------------|
| Part Number:        | PC457L0YIP                         |
| Manufacturer/Brand: | Sharp Microelectronics             |
| Product description | OPTOISO 3.75KV TRANSISTOR 6-SMD    |
| Datasheets:         | PC457L0YIP.pdf                     |
| RoHs Status         | Contains lead / RoHS non-compliant |
| Stock Condition     | 6915 pcs stock                     |
| Ship From           | Hong Kong                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS              |

REQUEST FOR QUOTATION

Specifications of PC457L0YIP

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| PART NUMBER                      | PC457L0YIP                                              |
| MANUFACTURER                     | Sharp Microelectronics                                  |
| DESCRIPTION                      | OPTOISO 3.75KV TRANSISTOR 6-SMD                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                      |
| QUANTITY AVAILABLE               | 6915 pcs                                                |
| DATA SHEET                       | PC457L0YIP.pdf                                          |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                     |
| VOLTAGE - ISOLATION              | 3750Vrms                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.7V                                                    |
| VCE SATURATION (MAX)             | -                                                       |
| TURN ON / TURN OFF TIME (TYP)    | 200ns, 400ns                                            |
| SUPPLIER DEVICE PACKAGE          | 5-MFP                                                   |
| SERIES                           | OPIC™                                                   |
| RISE / FALL TIME (TYP)           | -                                                       |
| PACKAGING                        | Tape & Reel (TR)                                        |
| PACKAGE / CASE                   | 6-SOIC (0.173", 4.40mm Width), 5 Leads                  |
| OUTPUT TYPE                      | Transistor                                              |
| OTHER NAMES                      | 425-1528-2                                              |
| 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   | Contains lead / RoHS non-compliant                      |
| INPUT TYPE                       | DC                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 5-MFP |
| CURRENT TRANSFER RATIO (MIN)     | 19% @ 16mA                                              |
| CURRENT TRANSFER RATIO (MAX)     | 50% @ 16mA                                              |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                     |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                    |

Related Tags

|                                   |                                 |                                       |
|-----------------------------------|---------------------------------|---------------------------------------|
| Sharp Microelectronics PC457L0YIP | PC457L0YIP Distributor          | PC457L0YIP Supplier                   |
| PC457L0YIP Price                  | PC457L0YIP Pictures             | PC457L0YIP Image                      |
| PC457L0YIP PDF Datasheet          | PC457L0YIP Download Datasheet   | PC457L0YIP Datasheet                  |
| PC457L0YIP Stock                  | Buy PC457L0YIP                  | Buy Sharp Microelectronics PC457L0YIP |
| Sharp Microelectronics PC457L0YIP | Sharp Microelectronics Supplier | Sharp Microelectronics Distributor    |
| Sharp Microelectronics PC457L0YIP | Sharp Electronics PC457L0YIP    |                                       |

Related Products

|                                                                                                                                                                  |                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>PC452TJ0000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV DARL 4SMD<br/>In stock: 3533 pcs<br/>RFQ</div>           | <div><b>PC457L0YIT0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 6SO<br/>In stock: 4505 pcs<br/>RFQ</div>          |
| <div><b>PC457S0NIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 8SO<br/>In stock: 3422 pcs<br/>RFQ</div>           | <div><b>PC48F4400P0TB00D</b><br/>Manufacturers: Micron Technology<br/>Description: IC FLASH 512M PARALLEL 64EASYBGA<br/>In stock: 6817 pcs<br/>RFQ</div>        |
| <div><b>PC457LTYIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANSISTOR<br/>In stock: 3199 pcs<br/>RFQ</div>          | <div><b>PC456L0NIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV OPEN COLL 5MFP<br/>In stock: 2898 pcs<br/>RFQ</div>          |
| <div><b>PC457L0NIT0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 6SO<br/>In stock: 6558 pcs<br/>RFQ</div>           | <div><b>PC456L0YIP0F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV OPN COL 5MINIFLAT<br/>In stock: 6175 pcs<br/>RFQ</div>       |
| <div><b>PC457L0NIP0F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISO 3.75KV TRANSISTOR 5-SMD<br/>In stock: 108495 pcs<br/>RFQ</div> | <div><b>PC457L0YIP0F</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISO 3.75KV TRANSISTOR 6-SMD<br/>In stock: 30918 pcs<br/>RFQ</div> |
| <div><b>PC457L0NIP</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISO 3.75KV TRANSISTOR 5-SMD<br/>In stock: 4256 pcs<br/>RFQ</div>           | <div><b>PC48F4400P0TB00A</b><br/>Manufacturers: Micron Technology<br/>Description: IC FLASH 512M PARALLEL 64EASYBGA<br/>In stock: 7622 pcs<br/>RFQ</div>        |