



Diodes Incorporated



PI5A3157BZUEX

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PI5A3157BZUEX                                                                                                       |
| Manufacturer/Brand: | Diodes Incorporated                                                                                                 |
| Product description | IC SWITCH CMOS SPDT UDFN-6                                                                                          |
| Datasheets:         |  <a href="#">PI5A3157BZUEX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 958667 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of PI5A3157BZUEX

|                                        |                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | PI5A3157BZUEX                                                                                                         |
| MANUFACTURER                           | Diodes Incorporated                                                                                                   |
| DESCRIPTION                            | IC SWITCH CMOS SPDT UDFN-6                                                                                            |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                     | 958667 pcs                                                                                                            |
| DATA SHEET                             |  <a href="#">PI5A3157BZUEX.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.65 V ~ 5.5 V                                                                                                        |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                     |
| SWITCH TIME (TON, TOFF) (MAX)          | 5.2ns, 3.5ns                                                                                                          |
| SWITCH CIRCUIT                         | SPDT                                                                                                                  |
| SERIES                                 | -                                                                                                                     |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                     |
| ON-STATE RESISTANCE (MAX)              | 13 Ohm                                                                                                                |
| NUMBER OF CIRCUITS                     | 1                                                                                                                     |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                            |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 2:1 13 Ohm                                                                                        |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100nA                                                                                                                 |
| CROSSTALK                              | -54dB @ 10MHz                                                                                                         |
| CHARGE INJECTION                       | 7pC                                                                                                                   |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 150 mOhm                                                                                                              |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 2.3pF                                                                                                                 |
| -3DB BANDWIDTH                         | 250MHz                                                                                                                |

Related Tags

|                                                          |                                  |                                       |
|----------------------------------------------------------|----------------------------------|---------------------------------------|
| Diodes Incorporated PI5A3157BZUEX                        | PI5A3157BZUEX Distributor        | PI5A3157BZUEX Supplier                |
| PI5A3157BZUEX Price                                      | PI5A3157BZUEX Pictures           | PI5A3157BZUEX Image                   |
| PI5A3157BZUEX PDF Datasheet                              | PI5A3157BZUEX Download Datasheet | PI5A3157BZUEX Datasheet               |
| PI5A3157BZUEX Stock                                      | Buy PI5A3157BZUEX                | Buy Diodes Incorporated PI5A3157BZUEX |
| Diodes Incorporated PI5A3157BZUEX                        | Diodes Incorporated Supplier     | Diodes Incorporated Distributor       |
| Diodes Incorporated PI5A3157BZUEX                        | Diodes Inc PI5A3157BZUEX         | Pericom Semiconductor PI5A3157BZUEX   |
| Zetex Semiconductors (Diodes Incorporated) PI5A3157BZUEX |                                  |                                       |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>PI5A3157BZUE+DMX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT 6-UDFN<br/>In stock: 968505 pcs<br/><div>RFQ</div></div>       | <div><b>PI5A3157ZAEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT 6TDFN<br/>In stock: 4173 pcs<br/><div>RFQ</div></div>           |
| <div><b>PI5A3157CEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC ANLG SW/MUX/DEMUX SPDT SC70-6<br/>In stock: 904869 pcs<br/><div>RFQ</div></div> | <div><b>PI5A3158BZAEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 12TDFN<br/>In stock: 552155 pcs<br/><div>RFQ</div></div>  |
| <div><b>PI5A3159ZCEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT 6TDFN<br/>In stock: 4380 pcs<br/><div>RFQ</div></div>              | <div><b>PI5A23159UE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 10MSOP<br/>In stock: 182574 pcs<br/><div>RFQ</div></div>    |
| <div><b>PI5A3157BC6E+DMX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT SC70-6<br/>In stock: 1016535 pcs<br/><div>RFQ</div></div>      | <div><b>PI5A23159UEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 10MSOP<br/>In stock: 373153 pcs<br/><div>RFQ</div></div>   |
| <div><b>PI5A3157BC6EX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH CMOS SPDT SC70-6<br/>In stock: 869747 pcs<br/><div>RFQ</div></div>     | <div><b>PI5A3157BC6EX-1507</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT SC70-6<br/>In stock: 904707 pcs<br/><div>RFQ</div></div>  |
| <div><b>PI5A3158ZAEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 12TDFN<br/>In stock: 6909 pcs<br/><div>RFQ</div></div>        | <div><b>PI5A3166CEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPST 0.8 OHM SC70-5<br/>In stock: 683703 pcs<br/><div>RFQ</div></div> |