





Diodes Incorporated




PI5A4157CEX

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| Part Number: | PI5A4157CEX |
| Manufacturer/Brand: | Diodes Incorporated |
| Product description | IC SWITCH SINGLE SPDT SC70-6 |
| Datasheets: |  PI5A4157CEX.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 796712 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION




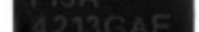




















Specifications of PI5A4157CEX

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| PART NUMBER | PI5A4157CEX |
| MANUFACTURER | Diodes Incorporated |
| DESCRIPTION | IC SWITCH SINGLE SPDT SC70-6 |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 796712 pcs |
| DATA SHEET |  PI5A4157CEX.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+) | 1.65 V ~ 5.5 V |
| VOLTAGE - SUPPLY, DUAL (V±) | - |
| SWITCH TIME (TON, TOFF) (MAX) | 18ns, 20ns |
| SWITCH CIRCUIT | SPDT |
| SUPPLIER DEVICE PACKAGE | SC-70-6 |
| SERIES | - |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 6-TSSOP, SC-88, SOT-363 |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| ON-STATE RESISTANCE (MAX) | 1.2 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 1.2 Ohm SC-70-6 |
| CURRENT - LEAKAGE (IS(OFF)) (MAX) | 20nA |
| CROSSTALK | -70dB @ 1MHz |
| CHARGE INJECTION | 35pC |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON) | 10 mOhm |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 3.5pF |
| BASE PART NUMBER | PI5A4157 |
| -3DB BANDWIDTH | 150MHz |

Related Tags

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| Zetex Semiconductors (Diodes Incorporated) PI5A4157CEX | | |

Related Products

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| <div></div> <div>PI5A393AW</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH QUAD SPST 16SOIC</div> <div>In stock: 4143 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A4213GAEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH DUAL SP3T 12CSP</div> <div>In stock: 4439 pcs</div> <div>RFQ</div> |
| <div></div> <div>PI5A391AW</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH QUAD SPST 16SOIC</div> <div>In stock: 3918 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A319AW</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH SPDT 8SOIC</div> <div>In stock: 5930 pcs</div> <div>RFQ</div> |
| <div></div> <div>PI5A4158ZAEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH DUAL SPDT 12TDFN</div> <div>In stock: 639484 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A4157TAEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH SPDT 0.8 OHM 6-SOT23</div> <div>In stock: 778167 pcs</div> <div>RFQ</div> |
| <div></div> <div>PI5A392AQEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH QUAD SPST 16QSOP</div> <div>In stock: 51450 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A392AQE</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH QUAD SPST 16QSOP</div> <div>In stock: 52980 pcs</div> <div>RFQ</div> |
| <div></div> <div>PI5A4594ACEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC ANALOG SWITCH SPST NO SC70-5</div> <div>In stock: 3571 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A4157ZUEX</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH SPDT 0.8 OHM 6-UDFN</div> <div>In stock: 502774 pcs</div> <div>RFQ</div> |
| <div></div> <div>PI5A393AP</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH QUAD SPST 16DIP</div> <div>In stock: 6979 pcs</div> <div>RFQ</div> | <div></div> <div>PI5A4157CEX-1516</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC SWITCH SPDT 0.8 OHM 6-SOT363</div> <div>In stock: 776788 pcs</div> <div>RFQ</div> |