

PI5A3157CEX



Part Number: [PI5A3157CEX](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC ANLG SW/MUX/DEMUX SPDT SC70-6

Data sheet:  [PI5A3157](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                    |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | PI5A3157CEX                               | Manufacturer                       | <a href="#">Diodes Incorporated</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | IC ANLG SW/MUX/DEMUX SPDT SC70-6          | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 830219 pcs                                | Data sheet                         | <a href="#">PI5A3157</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</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                                      | Supplier Device Package            | SC-70-6                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                          | Tape & Reel (TR)                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                    | 6-TSSOP, SC-88, SOT-363                   | Other Names                        | PI5A3157CEX-ND<br>PI5A3157CEXTR        |
| 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)                             | Manufacturer Standard Lead Time    | 6 Weeks                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Detailed Description               | 1 Circuit IC Switch 2:1 13 Ohm SC-70-6 |
| 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                                     | Base Part Number                   | PI5A3157                               |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                    | 250MHz                                    |                                    |                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 830219 pieces of Diodes Incorporated PI5A3157CEX in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                    |                                        |

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|  | Part#: <a href="#">PI5A3166CEX</a><br>Description: IC SWITCH SPST 0.8 OHM SC70-5      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A319AW</a><br>Description: IC SWITCH SPDT 8SOIC                 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3158BZAEX</a><br>Description: IC SWITCH DUAL SPDT 12TDFN       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A127W</a><br>Description: IC SWITCH DUAL SPST 8SOIC             | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157BZUE+DMX</a><br>Description: IC SWITCH SPDT 6-UDFN         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3166CEX-1516</a><br>Description: IC SWITCH SPST 0.8 OHM SC70-5 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3166TAEX</a><br>Description: IC SWITCH SPST 0.8 OHM SOT23-5    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157BZUEX</a><br>Description: IC SWITCH CMOS SPDT UDFN-6       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A127UEX</a><br>Description: IC ANALOG SWITCH SPST DUAL 8MSOP    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3159ZCEX</a><br>Description: IC SWITCH SPDT 6TDFN              | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3167CCEX</a><br>Description: IC SWITCH SPST 1.2 OHM SC70-5     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A23159UE</a><br>Description: IC SWITCH DUAL SPDT 10MSOP         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157BC6EX</a><br>Description: IC SWITCH CMOS SPDT SC70-6       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A23159UEX</a><br>Description: IC SWITCH DUAL SPDT 10MSOP        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157BC6EX-1507</a><br>Description: IC SWITCH SPDT SC70-6       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157BC6E+DMX</a><br>Description: IC SWITCH SPDT SC70-6         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3157ZAEX</a><br>Description: IC SWITCH SPDT 6TDFN              | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3167CTAEX</a><br>Description: IC SWITCH SPST 0.8 OHM SOT23-5   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A126W</a><br>Description: IC SWITCH DUAL SPST 8SOIC             | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A3158ZAEX</a><br>Description: IC SWITCH DUAL SPDT 12TDFN        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

Related keywords for **PI5A3157CEX**

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| PI5A3157CEX                     |                         |                                   |                                            |