


PI5A100W




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Part Number: [PI5A100W](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC SWITCH QUAD SPDT 16SOIC

Data sheet:  [PI5A100](#)










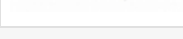










RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER | | | |
|--|---|------------------------------------|--|
| Part Number | PI5A100W | Manufacturer | Diodes Incorporated |
| Description | IC SWITCH QUAD SPDT 16SOIC | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available | 5086 pcs | Data sheet | PI5A100 |
| Category | Integrated Circuits (ICs) | Voltage - Supply, Single (V+) | 2 V ~ 6 V |
| Voltage - Supply, Dual (V±) | - | Switch Time (Ton, Toff) (Max) | 15ns, 7ns |
| Switch Circuit | SPDT | Supplier Device Package | 16-SOIC |
| Series | - | Packaging | Tube |
| Package / Case | 16-SOIC (0.154", 3.90mm Width) | Operating Temperature | -40°C ~ 85°C (TA) |
| On-State Resistance (Max) | 10 Ohm | Number of Circuits | 4 |
| Multiplexer/Demultiplexer Circuit | 2:1 | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant | Detailed Description | 4 Circuit IC Switch 2:1 10 Ohm 16-SOIC |
| Current - Leakage (IS(off)) (Max) | 10µA (Typ) | Crosstalk | -100dB @ 10MHz |
| Charge Injection | 10pC (Max) | Channel-to-Channel Matching (ΔRon) | 800 mOhm |
| Channel Capacitance (CS(off), CD(off)) | 8pF, 14pF | Base Part Number | PI5A100 |
| -3db Bandwidth | 230MHz | | |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 5086 pieces of Diodes Incorporated PI5A100W in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com | | | |

| RELATED PRODUCTS | | | |
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|  | Part#: PI5A124TEX Description: IC SWITCH SPDT SOT23-6 | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A3157BC6EX Description: IC SWITCH CMOS SPDT SC70-6 | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A100QEX Description: IC SWITCH QUAD SPDT 16QSOP | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A121CE Description: IC ANALOG SWITCH SPST NO SC70-5 | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A100WEX Description: IC SWITCH QUAD SPDT 16SOIC | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A127W Description: IC SWITCH DUAL SPST 8SOIC | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5101-EVAL1 Description: EVALUATION BOARD FOR PI5101 | Manufacturers: Vicor | <div>RFQ</div> |
|  | Part#: PI5A100QE Description: IC SWITCH QUAD SPDT 16QSOP | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A126W Description: IC SWITCH DUAL SPST 8SOIC | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A121BCEX Description: IC SWITCH SINGLE SPST SC70 | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5101-01-LGIZ Description: MOSFET N-CH 5V 60A 3LGA | Manufacturers: Vicor | <div>RFQ</div> |
|  | Part#: PI5A100Q Description: IC SWITCH QUAD SPDT 16QSOP | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
|  | Part#: PI5A23159UE Description: IC SWITCH DUAL SPDT 10MSOP | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
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|  | Part#: PI5A101W Description: IC QUAD SPST ANALOG SW 14-SOIC | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
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|  | Part#: PI5A124TEX-1413 Description: IC SWITCH SPDT SOT23-6 | Manufacturers: Diodes Incorporated | <div>RFQ</div> |
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|  | Part#: PI5A23159UEX Description: IC SWITCH DUAL SPDT 10MSOP | Manufacturers: Diodes Incorporated | <div>RFQ</div> |

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