

PI5A4213GAEX



Part Number: [PI5A4213GAEX](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC SWITCH DUAL SP3T 12CSP

Data sheet:  [PI5A4213](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |                                        |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PI5A4213GAEX                                   | Manufacturer                           | <a href="#">Diodes Incorporated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC SWITCH DUAL SP3T 12CSP                      | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4047 pcs                                       | Data sheet                             | <a href="#">PI5A4213</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)          | 15ns, 12ns                          |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SP3T                                           | Supplier Device Package                | 12-CSP (2.0x1.5)                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                              | Packaging                              | Tape & Reel (TR)                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12-WFBGA, WLCSP                                | Other Names                            | PI5A4213GAEXTR                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                              | On-State Resistance (Max)              | 2 Ohm                               |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                              | Multiplexer/Demultiplexer Circuit      | 3:1                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                                  | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 Circuit IC Switch 3:1 2 Ohm 12-CSP (2.0x1.5) | Current - Leakage (IS(off)) (Max)      | 80nA                                |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -72dB @ 100kHz                                 | Charge Injection                       | 35pC                                |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                              | 100 mOhm (Max)                                 | Channel Capacitance (CS(off), CD(off)) | 50pF                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | PI5A4213                                       | -3db Bandwidth                         | 30MHz                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 4047 pieces of Diodes Incorporated PI5A4213GAEX 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                |                                        |                                     |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">PI5A4157TAEX</a><br>Description: IC SWITCH SPDT 0.8 OHM 6-SOT23      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4599BCEX</a><br>Description: IC ANALOG SWITCH SPDT SC70-6        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4599ATEX</a><br>Description: IC SWITCH SPDT SOT23-6              | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4157CEX</a><br>Description: IC SWITCH SINGLE SPDT SC70-6         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4157ZUEX</a><br>Description: IC SWITCH SPDT 0.8 OHM 6-UDFN       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A392AQEX</a><br>Description: IC SWITCH QUAD SPST 16QSOP           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4158ZAEX</a><br>Description: IC SWITCH DUAL SPDT 12TDFN          | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4157CEX-1516</a><br>Description: IC SWITCH SPDT 0.8 OHM 6-SOT363 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4596ACEX</a><br>Description: IC ANALOG SWITCH SPST NO SC70-5     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4764GAEX</a><br>Description: IC SWITCH DUAL SPDT 10CSP           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4624TEX</a><br>Description: IC SWITCH SPDT SOT23-6               | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A392AQE</a><br>Description: IC SWITCH QUAD SPST 16QSOP            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A391AW</a><br>Description: IC SWITCH QUAD SPST 16SOIC             | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5C16210AE</a><br>Description: IC 20-BIT BUS SW 2PORT 48-TSSOP      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PI5A4594ACEX</a><br>Description: IC ANALOG SWITCH SPST NO SC70-5     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A393AP</a><br>Description: IC SWITCH QUAD SPST 16DIP              | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4684GAEX</a><br>Description: IC SWITCH DUAL SPDT 10CSP           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A4626TEX</a><br>Description: IC SWITCH SPST SOT23-5               | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI5A393AW</a><br>Description: IC SWITCH QUAD SPST 16SOIC             | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

Related keywords for **PI5A4213GAEX**

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