

ISL43145IVZ



A Renesas Company

Part Number: [ISL43145IVZ](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH QUAD SPST 16TSSOP

Data sheet:  [ISL4314\(3-5\)](#)

RoHs Status: Lead free / RoHS Compliant

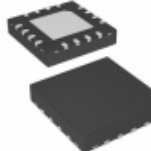
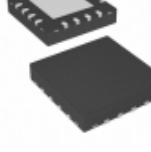
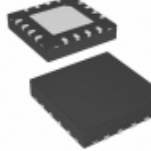
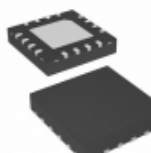
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL43145IVZ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                    |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|-----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                               | ISL43145IVZ                               | Manufacturer                       | <a href="#">Intersil</a>                |
| Description                                                                                                                                                                                                                                                                                                                                                                               | IC SWITCH QUAD SPST 16TSSOP               | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                        | 5765 pcs                                  | Data sheet                         | <a href="#">ISL4314(3-5)</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2.7 V ~ 12 V                            |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                               | ±2.6 V ~ 6 V                              | Switch Time (Ton, Toff) (Max)      | 65ns, 50ns                              |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                            | SPST - NO/NC                              | Supplier Device Package            | 16-TSSOP                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                          | Tube                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                            | 16-TSSOP (0.173", 4.40mm Width)           | Operating Temperature              | -40°C ~ 85°C (TA)                       |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                 | 25 Ohm                                    | Number of Circuits                 | 4                                       |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                         | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 25 Ohm 16-TSSOP |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                         | 100pA                                     | Crosstalk                          | -89dB @ 1MHz                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                          | 5pC (Max)                                 | Channel-to-Channel Matching (ΔRon) | 500 mOhm                                |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                    | 10pF, 26pF                                | Base Part Number                   | ISL43145                                |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                            | -                                         |                                    |                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5765 pieces of Intersil ISL43145IVZ 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 |                                           |                                    |                                         |

| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL43145IR</a><br>Description: IC SWITCH QUAD SPST 16QFN           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43145IV-T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43231IRZ</a><br>Description: IC SWITCH TRIPLE SPDT 20QFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43231IR-T</a><br>Description: IC SWITCH TRIPLE SPDT 20QFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43144IV</a><br>Description: IC SWITCH QUAD SPST 16TSSOP         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL43145IVZ-T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43210IHZ-T</a><br>Description: IC SWITCH SPDT SOT23-6           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43145IRZ</a><br>Description: IC SWITCH QUAD SPST 16QFN          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43210AIHZ-T</a><br>Description: IC SWITCH SPDT SOT23-6          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43210AIHZ-T7A</a><br>Description: IC SWITCH SPDT SOT23-6        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL43210IH-T</a><br>Description: IC SWITCH SPDT SOT23-6            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL43210IHZ-T7A</a><br>Description: IC ANLG SWITCH SPDT LV SOT23-6 | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL43145IVZ

|                                |                         |                      |                   |
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