

ISL84582IVZ-T

  
A Renesas Company

**Part Number:** [ISL84582IVZ-T](#)

**Manufacturer:** [Intersil](#)

**Description:** IC MUX/DEMUX DUAL 4X1 16TSSOP

**Data sheet:**  [ISL84582](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

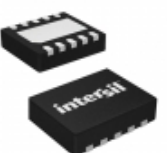
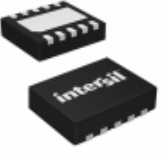
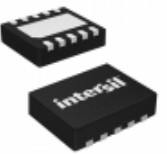
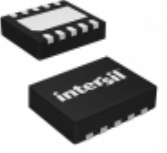
Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                  |                                           |                                        |                            |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|
| Part Number                        | ISL84582IVZ-T                             | Manufacturer                           | <a href="#">Intersil</a>   |
| Description                        | IC MUX/DEMUX DUAL 4X1 16TSSOP             | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant |
| Quantity Available                 | 62557 pcs                                 | Data sheet                             | <a href="#">ISL84582</a>   |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 2 V ~ 12 V                 |
| Voltage - Supply, Dual (V±)        | ±2 V ~ 6 V                                | Switch Time (Ton, Toff) (Max)          | 50ns, 35ns                 |
| Switch Circuit                     | SP4T                                      | Supplier Device Package                | 16-TSSOP                   |
| Series                             | -                                         | Packaging                              | Tape & Reel (TR)           |
| Package / Case                     | 16-TSSOP (0.173", 4.40mm Width)           | Operating Temperature                  | -40°C ~ 85°C (TA)          |
| On-State Resistance (Max)          | 60 Ohm                                    | Number of Circuits                     | 2                          |
| Multiplexer/Demultiplexer Circuit  | 4:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)              |
| Manufacturer Standard Lead Time    | 13 Weeks                                  | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant |
| Detailed Description               | 2 Circuit IC Switch 4:1 60 Ohm 16-TSSOP   | Current - Leakage (IS(off)) (Max)      | 20pA (Typ)                 |
| Crosstalk                          | -110dB @ 100kHz                           | Charge Injection                       | 0.3pC                      |
| Channel-to-Channel Matching (ΔRon) | 1.3 Ohm                                   | Channel Capacitance (CS(off), CD(off)) | 3pF, 12pF                  |
| Base Part Number                   | ISL84582                                  | -3db Bandwidth                         | -                          |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL84684IU-T</a><br>Description: IC SWITCH DUAL SPDT 10MSOP   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL84581IVZ-T</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL84544IPZ</a><br>Description: IC SWITCH SPDT 8DIP           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL84684IR</a><br>Description: IC SWITCH DUAL SPDT 10TDFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL84684IRZ</a><br>Description: IC SWITCH DUAL SPDT 10TDFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL84714IH-T</a><br>Description: IC SWITCH SPDT SC70-6        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL84544IHZ-T</a><br>Description: IC SWITCH SPDT SOT23-6      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL84582IVZ</a><br>Description: IC MUX/DEMUX DUAL 4X1 16TSSOP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

| Related keywords for ISL84582IVZ-T |                           |                        |                     |
|------------------------------------|---------------------------|------------------------|---------------------|
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