

ISL54233IRUZ-T





A Renesas Company

**Part Number:** [ISL54233IRUZ-T](#)

**Manufacturer** [Intersil](#)

**Description** IC MUX 3:1 8 OHM 12UTQFN

**Data sheet:**  [ISL54233](#)

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

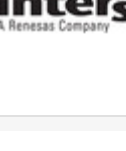
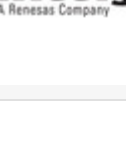
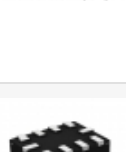
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                  | ISL54233IRUZ-T                            | Manufacturer                       | <a href="#">Intersil</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                  | IC MUX 3:1 8 OHM 12UTQFN                  | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                           | 4261 pcs                                  | Data sheet                         | <a href="#">ISL54233</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2.7 V ~ 4.6 V                                     |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Switch Time (Ton, Toff) (Max)      | -                                                 |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                               | SP3T                                      | Supplier Device Package            | 12-uTQFN (2.2x1.4)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                          | Tape & Reel (TR)                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                               | 12-UFQFN                                  | Operating Temperature              | -40°C ~ 85°C (TA)                                 |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                    | 15 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 15 Ohm 12-uTQFN (2.2x1.4) |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                            | 15nA                                      | Crosstalk                          | -36dB @ 240MHz                                    |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Channel-to-Channel Matching (ΔRon) | 70 mOhm                                           |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                       | 3pF                                       | Base Part Number                   | ISL54233                                          |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                               | 1.6GHz                                    |                                    |                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4261 pieces of Intersil ISL54233IRUZ-T 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="#">ISL54233IRTZ</a><br>Description: IC MUX 3:1 15 OHM 12WFQFN            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54230IRTZ-T</a><br>Description: IC SWITCH QUAD DPDT 32TQFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54233IRUZ-T7A</a><br>Description: IC MUX 3:1 8 OHM 12UTQFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54230IRTZ</a><br>Description: IC SWITCH QUAD DPDT 32TQFN           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54230EVAL3Z</a><br>Description: EVALUATION BOARD ISL54230          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54228IRUZ-T</a><br>Description: IC USB SWITCH DPST OVP 8TQFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54302IRZ</a><br>Description: IC SWITCH QUAD SPST 20QFN             | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54401IRUZ-T</a><br>Description: IC USB SWITCH DUAL SPDT 10UTQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54401EVAL1Z</a><br>Description: EVALUATION KIT FOR ISL54401        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54400EVAL1Z</a><br>Description: EVALUATION KIT FOR ISL54400        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54400IRZ-T</a><br>Description: IC USB SWITCH DUAL SPDT 10TDFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54228IRTZ-T</a><br>Description: IC USB SWITCH DPST OVP 8TDFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54228IRTZ-T7A</a><br>Description: IC USB SWITCH DPST OVP 8TDFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54400IRUZ-T</a><br>Description: IC USB SWITCH DUAL SPDT 10UTQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54228IRUZ-T7A</a><br>Description: IC USB SWITCH DPST OVP 8TQFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54233IRTZ-T</a><br>Description: IC MUX 3:1 15 OHM 12WFQFN          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54400IRZ</a><br>Description: IC USB SWITCH DUAL SPDT 10TDFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54302IRZ-T</a><br>Description: IC SWITCH QUAD SPST 20QFN           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54233IRUZ-TS2722</a><br>Description: IC MUX USB 2.0 HS UART 12TQFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL54233IRTZ-T7A</a><br>Description: IC MULTIPLEXER 3:1 12TQFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL54233IRUZ-T

|                                   |                            |                         |                      |
|-----------------------------------|----------------------------|-------------------------|----------------------|
| Intersil ISL54233IRUZ-T           | ISL54233IRUZ-T distributor | ISL54233IRUZ-T supplier | ISL54233IRUZ-T price |
| ISL54233IRUZ-T download datasheet | ISL54233IRUZ-T datasheet   | ISL54233IRUZ-T stock    | buy ISL54233IRUZ-T   |
| Intersil ISL54233IRUZ-T           |                            |                         |                      |