

ISL54052IHZ-T



A Renesas Company

Part Number: [ISL54052IHZ-T](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH SPST SGL SOT23-6

Data sheet:  [ISL54051-52](#)

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                            | ISL54052IHZ-T                             | Manufacturer                       | <a href="#">Intersil</a>                        |
| Description                            | IC SWITCH SPST SGL SOT23-6                | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                      |
| Quantity Available                     | 5905 pcs                                  | Data sheet                         | <a href="#">ISL54051-52</a>                     |
| Category                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 1.8 V ~ 5.5 V                                   |
| Voltage - Supply, Dual (V±)            | -                                         | Switch Time (Ton, Toff) (Max)      | 24ns, 10ns                                      |
| Switch Circuit                         | SPST - NC                                 | Supplier Device Package            | SOT-23-6                                        |
| Series                                 | -                                         | Packaging                          | Tape & Reel (TR)                                |
| Package / Case                         | SOT-23-6                                  | Operating Temperature              | -40°C ~ 85°C (TA)                               |
| On-State Resistance (Max)              | 860 mOhm (Typ)                            | Number of Circuits                 | 1                                               |
| Multiplexer/Demultiplexer Circuit      | 1:1                                       | Moisture Sensitivity Level (MSL)   | 2 (1 Year)                                      |
| Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                | Detailed Description               | 1 Circuit IC Switch 1:1 860 mOhm (Typ) SOT-23-6 |
| Current - Leakage (IS(off)) (Max)      | 10nA                                      | Crosstalk                          | -                                               |
| Charge Injection                       | 26pC                                      | Channel-to-Channel Matching (ΔRon) | -                                               |
| Channel Capacitance (CS(off), CD(off)) | 16pF                                      | Base Part Number                   | ISL54052                                        |
| -3db Bandwidth                         | 190MHz                                    |                                    |                                                 |

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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL54056IRUZ-T</a><br>Description: IC SWITCH QUAD SPDT 16UTQFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54005IRTZ-T</a><br>Description: IC AMP AUDIO PWR 1.23W AB 20TQFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54051IHZ-T</a><br>Description: IC SWITCH SPST SGL SOT23-6         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54051IRUZ-T</a><br>Description: IC SWITCH SPST 6UTDFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54057IRUZ-T</a><br>Description: IC SWITCH 4X1 16UTQFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54050IRUZ-T</a><br>Description: IC SWITCH DUAL SPDT UTQFN         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54054IHZ-T</a><br>Description: IC SWITCH SPDT SGL SOT23-6         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54055IRUZ-T</a><br>Description: IC SWITCH SPST 6UTDFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54006IRTZ-T</a><br>Description: IC AMP AUDIO PWR 1.23W AB 20TQFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54049IRUZ-T</a><br>Description: IC SWITCH DUAL SPST 10UTQFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54050IRUZ-T7A</a><br>Description: IC ANLG SWITCH DUAL SPDT 10TQFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54059EVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL54059     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54006IRTZ</a><br>Description: IC AMP AUDIO PWR 1.23W AB 20TQFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54048IRUZ-T</a><br>Description: IC MUX/DEMUX DUAL 4X1 10UTQFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54047IRUZ-T</a><br>Description: IC MUX/DEMUX 4X1 10UTQFN          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54053IHZ-T</a><br>Description: IC SWITCH SPDT SGL SOT23-6         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL54058IRUZ-T</a><br>Description: IC SWITCH DUAL 4X1 16UTQFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL54052IRUZ-T</a><br>Description: IC SWITCH SPST 6UTDFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL54052IHZ-T

|                                  |                           |                        |                     |
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