



ISL43142IRZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL43142IRZ                                                                                                  |
| Manufacturer/Brand: | Intersil                                                                                                     |
| Product description | IC SWITCH QUAD SPST 16QFN                                                                                    |
| Datasheets:         |  ISL43142IRZ.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3564 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

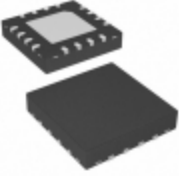
Specifications of ISL43142IRZ

|                                        |                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                            | ISL43142IRZ                                                                                         |
| MANUFACTURER                           | Intersil                                                                                            |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE                     | 3564 pcs                                                                                            |
| DATA SHEET                             |  ISL43142IRZ.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 12 V                                                                                        |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±2.6 V ~ 6 V                                                                                        |
| SWITCH TIME (TON, TOFF) (MAX)          | 80ns, 30ns                                                                                          |
| SWITCH CIRCUIT                         | SPST - NO/NC                                                                                        |
| SUPPLIER DEVICE PACKAGE                | 16-QFN (3x3)                                                                                        |
| SERIES                                 | -                                                                                                   |
| PACKAGING                              | Tube                                                                                                |
| PACKAGE / CASE                         | 16-VFQFN Exposed Pad                                                                                |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                   |
| ON-STATE RESISTANCE (MAX)              | 65 Ohm                                                                                              |
| NUMBER OF CIRCUITS                     | 4                                                                                                   |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 2 (1 Year)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                          |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 65 Ohm 16-QFN (3x3)                                                         |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                 |
| CROSSTALK                              | -90dB @ 100kHz                                                                                      |
| CHARGE INJECTION                       | 1pC                                                                                                 |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 2 Ohm                                                                                               |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 7pF, 7pF                                                                                            |
| BASE PART NUMBER                       | ISL43142                                                                                            |
| -3DB BANDWIDTH                         | -                                                                                                   |

Related Tags

|                           |                                |                          |
|---------------------------|--------------------------------|--------------------------|
| Intersil ISL43142IRZ      | ISL43142IRZ Distributor        | ISL43142IRZ Supplier     |
| ISL43142IRZ Price         | ISL43142IRZ Pictures           | ISL43142IRZ Image        |
| ISL43142IRZ PDF Datasheet | ISL43142IRZ Download Datasheet | ISL43142IRZ Datasheet    |
| ISL43142IRZ Stock         | Buy ISL43142IRZ                | Buy Intersil ISL43142IRZ |
| Intersil ISL43142IRZ      | Intersil Supplier              | Intersil Distributor     |
| Intersil ISL43142IRZ      |                                |                          |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>A Renesas Company</div></div> <div><b>ISL43142IBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 3170 pcs</div> <div>RFQ</div>  | <div><div>A Renesas Company</div></div> <div><b>ISL43142IBZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6535 pcs</div> <div>RFQ</div>  |
| <div><div>A Renesas Company</div></div> <div><b>ISL43142IV-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 6547 pcs</div> <div>RFQ</div>  | <div><div>A Renesas Company</div></div> <div><b>ISL43142IB</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 4503 pcs</div> <div>RFQ</div>   |
| <div><div>A Renesas Company</div></div> <div><b>ISL43142IVZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 6902 pcs</div> <div>RFQ</div>   | <div><div>A Renesas Company</div></div> <div><b>ISL43142IV</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 4673 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ISL43142IRZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16QFN<br/>In stock: 3908 pcs</div> <div>RFQ</div>                               | <div></div> <div><b>ISL43142IR-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16QFN<br/>In stock: 6410 pcs</div> <div>RFQ</div>                              |
| <div></div> <div><b>ISL43142IR</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16QFN<br/>In stock: 6849 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>ISL43143IR</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16QFN<br/>In stock: 5771 pcs</div> <div>RFQ</div>                                |
| <div><div>A Renesas Company</div></div> <div><b>ISL43142IVZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 6313 pcs</div> <div>RFQ</div> | <div><div>A Renesas Company</div></div> <div><b>ISL43142IB-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6207 pcs</div> <div>RFQ</div> |