



ISL84542IH-T

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL84542IH-T                                                                                                         |
| Manufacturer/Brand: | Intersil                                                                                                             |
| Product description | IC SWITCH DUAL SPST SOT23-8                                                                                          |
| Datasheets:         |  ISL84542IH-T.pdf                   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5336 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of ISL84542IH-T

|                                        |                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | ISL84542IH-T                                                                                         |
| MANUFACTURER                           | Intersil                                                                                             |
| DESCRIPTION                            | IC SWITCH DUAL SPST SOT23-8                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                   |
| QUANTITY AVAILABLE                     | 5336 pcs                                                                                             |
| DATA SHEET                             |  ISL84542IH-T.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 12 V                                                                                         |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                    |
| SWITCH TIME (TON, TOFF) (MAX)          | 100ns, 75ns                                                                                          |
| SWITCH CIRCUIT                         | SPST - NC                                                                                            |
| SUPPLIER DEVICE PACKAGE                | SOT-23-8                                                                                             |
| SERIES                                 | -                                                                                                    |
| PACKAGING                              | Tape & Reel (TR)                                                                                     |
| PACKAGE / CASE                         | SOT-23-8                                                                                             |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                    |
| ON-STATE RESISTANCE (MAX)              | 60 Ohm                                                                                               |
| NUMBER OF CIRCUITS                     | 2                                                                                                    |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                   |
| DETAILED DESCRIPTION                   | 2 Circuit IC Switch 1:1 60 Ohm SOT-23-8                                                              |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100pA                                                                                                |
| CROSSTALK                              | -90dB @ 1MHz                                                                                         |
| CHARGE INJECTION                       | 1pC                                                                                                  |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 800 mOhm                                                                                             |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 8pF, 8pF                                                                                             |
| BASE PART NUMBER                       | ISL84542                                                                                             |
| -3DB BANDWIDTH                         | -                                                                                                    |

Related Tags

|                            |                                 |                           |
|----------------------------|---------------------------------|---------------------------|
| Intersil ISL84542IH-T      | ISL84542IH-T Distributor        | ISL84542IH-T Supplier     |
| ISL84542IH-T Price         | ISL84542IH-T Pictures           | ISL84542IH-T Image        |
| ISL84542IH-T PDF Datasheet | ISL84542IH-T Download Datasheet | ISL84542IH-T Datasheet    |
| ISL84542IH-T Stock         | Buy ISL84542IH-T                | Buy Intersil ISL84542IH-T |
| Intersil ISL84542IH-T      | Intersil Supplier               | Intersil Distributor      |
| Intersil ISL84542IH-T      |                                 |                           |

Related Products

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ISL84542CPZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8DIP<br/>In stock: 4757 pcs<br/>RFQ</div>      | <div></div> <div><b>ISL84542IB</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 5820 pcs<br/>RFQ</div>   |
| <div></div> <div><b>ISL84542IBZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 5516 pcs<br/>RFQ</div>     | <div></div> <div><b>ISL84543CB-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 6997 pcs<br/>RFQ</div> |
| <div></div> <div><b>ISL84542IHZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST SOT23-8<br/>In stock: 5415 pcs<br/>RFQ</div> | <div></div> <div><b>ISL84542IB-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 3274 pcs<br/>RFQ</div> |
| <div></div> <div><b>ISL84543CBZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 5245 pcs<br/>RFQ</div>     | <div></div> <div><b>ISL84542CP</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8DIP<br/>In stock: 6177 pcs<br/>RFQ</div>    |
| <div></div> <div><b>ISL84542IBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 6999 pcs<br/>RFQ</div>   | <div></div> <div><b>ISL84542IPZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8DIP<br/>In stock: 6254 pcs<br/>RFQ</div>   |
| <div></div> <div><b>ISL84543CB</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8SOIC<br/>In stock: 5131 pcs<br/>RFQ</div>      | <div></div> <div><b>ISL84542IP</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH DUAL SPST 8DIP<br/>In stock: 5451 pcs<br/>RFQ</div>    |