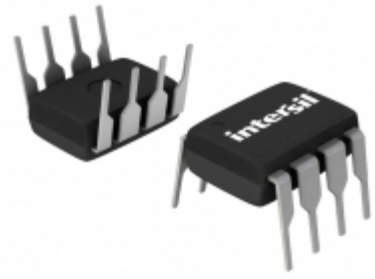


ISL84542IPZ





A Renesas Company

**Part Number:** [ISL84542IPZ](#)

**Manufacturer** [Intersil](#)

**Description** IC SWITCH DUAL SPST 8DIP

**Data sheet:**  [ISL84541-44](#)

**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.  
Buy ISL84542IPZ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                    |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                               | ISL84542IPZ                               | Manufacturer                       | <a href="#">Intersil</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                               | IC SWITCH DUAL SPST 8DIP                  | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                        | 5846 pcs                                  | Data sheet                         | <a href="#">ISL84541-44</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | 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            | 8-PDIP                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                          | Tube                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                            | 8-DIP (0.300", 7.62mm)                    | 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                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | Detailed Description               | 2 Circuit IC Switch 1:1 60 Ohm 8-PDIP |
| 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                                                                                                                                                                                                                                                                                                                                                                            | -                                         |                                    |                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5846 pieces of Intersil ISL84542IPZ 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="#">ISL84542IB-T</a><br>Description: IC SWITCH DUAL SPST 8SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IBZ-T</a><br>Description: IC SWITCH DUAL SPST 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542CPZ</a><br>Description: IC SWITCH DUAL SPST 8DIP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84543IB</a><br>Description: IC SWITCH DUAL SPST 8SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84543CB</a><br>Description: IC SWITCH DUAL SPST 8SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IBZ</a><br>Description: IC SWITCH DUAL SPST 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IP</a><br>Description: IC SWITCH DUAL SPST 8DIP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IB</a><br>Description: IC SWITCH DUAL SPST 8SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542CP</a><br>Description: IC SWITCH DUAL SPST 8DIP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84543IBZ-T</a><br>Description: IC SWITCH DUAL SPST 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IH-T</a><br>Description: IC SWITCH DUAL SPST SOT23-8  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84543CB-T</a><br>Description: IC SWITCH DUAL SPST 8SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84542IHZ-T</a><br>Description: IC SWITCH DUAL SPST SOT23-8 | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL84543IBZ</a><br>Description: IC SWITCH DUAL SPST 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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| Related keywords for ISL84542IPZ |                         |                      |                   |
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