

ISL6439IBZ

  
A Renesas Company

**Part Number:** [ISL6439IBZ](#)

**Manufacturer:** [Intersil](#)

**Description:** IC REG CTRLR BUCK 14SOIC

**Data sheet:**  [ISL6439\(A\)](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                              | ISL6439IBZ                                                           | Manufacturer                    | <a href="#">Intersil</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG CTRLR BUCK 14SOIC                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 50090 pcs                                                            | Data sheet                      | <a href="#">ISL6439(A)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 2.97 V ~ 3.63 V            |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                 | Buck                                                                 | Synchronous Rectifier           | Yes                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 14-SOIC                                                              | Series                          | -                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                    | Packaging                       | Tube                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 14-SOIC (0.154", 3.90mm Width)                                       | Output Type                     | Transistor Driver          |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                    | Output Configuration            | Positive                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                                                    | Number of Outputs               | 1                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                        | Manufacturer Standard Lead Time | 9 Weeks                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                           | Function                        | Step-Down                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                    | 300kHz                                                               | Duty Cycle (Max)                | 100%                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | Buck Regulator Positive Output Step-Down DC-DC Controller IC 14-SOIC | Control Features                | Enable, Phase Control      |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                               | No                                                                   | Base Part Number                | ISL6439                    |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                         |                     |
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|  | Part#: <a href="#">ISL6439IRZ</a><br>Description: IC REG CTRLR BUCK 16QFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6439CB-T</a><br>Description: IC REG CTRLR BUCK 14SOIC       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6439AIRZ</a><br>Description: IC REG CTRLR BUCK 16QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6439AIRZ-T</a><br>Description: IC REG CTRLR BUCK 16QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL6439EVAL1</a><br>Description: EVALUATION BOARD 1 ISL6439    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6440IA-T</a><br>Description: IC REG CTRLR BUCK 24QSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6440IA</a><br>Description: IC REG CTRLR BUCK 24QSOP         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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Related keywords for ISL6439IBZ

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