

ISL6522IBZR5190



A Renesas Company

**Part Number:** [ISL6522IBZR5190](#)

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

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

**Data sheet:**  [ISL6522](#)

**RoHs Status:** Lead free / RoHS Compliant

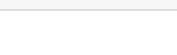
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                   | ISL6522IBZR5190                                      | Manufacturer                   | <a href="#">Intersil</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                   | IC REG CTRLR BUCK 14SOIC                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                            | 4962 pcs                                             | Data sheet                     | <a href="#">ISL6522</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>            | Voltage - Supply (Vcc/Vdd)     | 10.8 V ~ 13.2 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)                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                      | Step-Down                                            | Frequency - Switching          | 200kHz                                                               |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                              | 100%                                                 | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 14-SOIC |
| Control Features                                                                                                                                                                                                                                                                                                                                                                              | Enable, Frequency Control, Phase Control, Soft Start | Clock Sync                     | No                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                              | ISL6522                                              |                                |                                                                      |
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