

ISL6522IRZ-TKS2698



A Renesas Company

Part Number: [ISL6522IRZ-TKS2698](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 16QFN

Data sheet:  [ISL6522](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                   |                                                      |                                |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                         | ISL6522IRZ-TKS2698                                   | Manufacturer                   | <a href="#">Intersil</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR BUCK 16QFN                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                  | 4677 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                                                                                                                                                                                                                                                                                                                                                                             | 16-QFN-EP (5x5)                                      | Series                         | -                                                                            |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                   | -                                                    | Packaging                      | Tape & Reel (TR)                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                      | 16-VQFN Exposed Pad                                  | 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 16-QFN-EP (5x5) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                    | Enable, Frequency Control, Phase Control, Soft Start | Clock Sync                     | No                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                    | ISL6522                                              |                                |                                                                              |
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