

ISL6526IR



A Renesas Company

Part Number: [ISL6526IR](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 16QFN

Data sheet:  [ISL6526\(A\)](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL6526IR with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | ISL6526IR                                 | Manufacturer                   | <a href="#">Intersil</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG CTRLR BUCK 16QFN                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4675 pcs                                  | Data sheet                     | <a href="#">ISL6526(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                                                                                                                                                                                                                                                                                                                                                                                                                | 16-QFN-EP (5x5)                           | Series                         | -                                                                            |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Packaging                      | Tube                                                                         |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Down                                 | Frequency - Switching          | 600kHz                                                                       |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 100%                                      | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QFN-EP (5x5) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable, Phase Control                     | Clock Sync                     | No                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | ISL6526                                   |                                |                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                         |                |
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|  | Part#: <a href="#">ISL6526CR-T</a><br>Description: IC REG CTRLR BUCK 16QFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6526CRZ</a><br>Description: IC REG CTRLR BUCK 16QFN         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6526IB</a><br>Description: IC REG CTRLR BUCK 14SOIC         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6527ACBZ-T</a><br>Description: IC REG CTRLR BUCK 14SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6526IBZ-T</a><br>Description: IC REG CTRLR BUCK 14SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6527ACBZA</a><br>Description: IC REG CTRLR BUCK 14SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6526EVAL1</a><br>Description: EVALUATION BOARD SOIC ISL6526 | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6526IR-T</a><br>Description: IC REG CTRLR BUCK 16QFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6526EVAL2</a><br>Description: EVALUATION BOARD QFN ISL6526  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL6526IR

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