

ISL6741IV



A Renesas Company

Part Number: [ISL6741IV](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR MULT TOP 16TSSOP

Data sheet:  [ISL6740, ISL6741](#)

RoHs Status: Contains lead / RoHS non-compliant

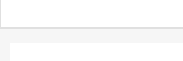
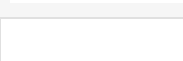
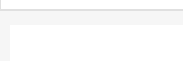
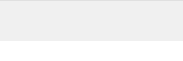
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | ISL6741IV                                 | Manufacturer                   | <a href="#">Intersil</a>                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG CTRLR MULT TOP 16TSSOP             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 5161 pcs                                  | Data sheet                     | <a href="#">ISL6740, ISL6741</a>                                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 9 V ~ 16 V                                                                                                                      |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                               | Full-Bridge, Half-Bridge, Push-Pull       | Synchronous Rectifier          | Yes                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 16-TSSOP                                  | Series                         | -                                                                                                                               |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Packaging                      | Tube                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-TSSOP (0.173", 4.40mm Width)           | Output Type                    | Transistor Driver                                                                                                               |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                         | Output Configuration           | Positive, Isolation Capable                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 105°C (TA)                        | Number of Outputs              | 2                                                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                              |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Up/Step-Down                         | Frequency - Switching          | Up to 1MHz                                                                                                                      |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 83%                                       | Detailed Description           | Full-Bridge, Half-Bridge, Push-Pull Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-TSSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable, Frequency Control, Soft Start     | Clock Sync                     | Yes                                                                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | ISL6741                                   |                                |                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5161 pieces of Intersil ISL6741IV 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL6741IBZ</a><br>Description: IC REG CTRLR MULT TOP 16SOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IVZ</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6742BEVAL3Z</a><br>Description: BOARD EVAL ISL6742B QSOP        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6744AABZ-T</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IBZ</a><br>Description: IC REG CTRLR MULT TOP 16SOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IV-T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6742AAZA</a><br>Description: IC REG CTRLR MULT TOP 16QSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6740IVZ-T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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| Related keywords for ISL6741IV |                       |                    |                 |
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