

ISL6740IBZ-T



A Renesas Company

Part Number: [ISL6740IBZ-T](#)

Manufacturer [Intersil](#)

Description IC REG CTRLR MULT TOP 16SOIC

Data sheet:  [ISL6740, ISL6741](#)

RoHs Status: Lead free / RoHS Compliant

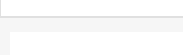
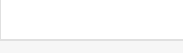
Ship From: Hong Kong

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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                                                                                                                                                                                                                                                                                                                                                                                                                                  | ISL6740IBZ-T                              | Manufacturer                   | <a href="#">Intersil</a>                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG CTRLR MULT TOP 16SOIC              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 4009 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-SOIC                                   | Series                         | -                                                                                                                              |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                      | Tape & Reel (TR)                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-SOIC (0.154", 3.90mm 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)                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS 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-SOIC |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                             | Enable, Frequency Control, Soft Start     | Clock Sync                     | Yes                                                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | ISL6740                                   |                                |                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4009 pieces of Intersil ISL6740IBZ-T in stock available now.<br>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="#">ISL6740EVAL2Z</a><br>Description: EVALUATION BOARD 2 ISL6740       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IBZ-T</a><br>Description: IC REG CTRLR MULT TOP 16SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6731BFBZ-T</a><br>Description: IC CTRLR PFC BOOST 62KHZ 14-SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740EVAL2</a><br>Description: EVALUATION BOARD 2 ISL6740        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IB-T</a><br>Description: IC REG CTRLR MULT TOP 16SOIC       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IB</a><br>Description: IC REG CTRLR MULT TOP 16SOIC         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IV-T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740AIVZA</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740EVAL1</a><br>Description: EVALUATION BOARD 1 ISL6740        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IV</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IVZ</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6741IB</a><br>Description: IC REG CTRLR MULT TOP 16SOIC         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | 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="#">ISL6740AIVZA-T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IVZ-T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6740IV</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL6740IBZ-T

|                                 |                          |                       |                    |
|---------------------------------|--------------------------|-----------------------|--------------------|
| Intersil ISL6740IBZ-T           | ISL6740IBZ-T distributor | ISL6740IBZ-T supplier | ISL6740IBZ-T price |
| ISL6740IBZ-T download datasheet | ISL6740IBZ-T datasheet   | ISL6740IBZ-T stock    | buy ISL6740IBZ-T   |
| Intersil ISL6740IBZ-T           |                          |                       |                    |