

ISL6609CBZ-T



A Renesas Company

Part Number: [ISL6609CBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6609\(A\)](#)

RoHS Status: Lead free / RoHS Compliant

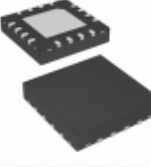
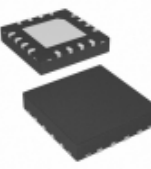
Ship From: Hong Kong

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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                                                                                                                                                                                                                                                                                                                                                                                                                                   | ISL6609CBZ-T                              | Manufacturer                   | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MOSFET DRVR SYNC BUCK 8-SOIC           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 73167 pcs                                 | Data sheet                     | <a href="#">ISL6609(A)</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 4.5 V ~ 5.5 V                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                       | 8-SOIC                                    | Series                         | -                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                        | 8ns, 8ns                                  | Packaging                      | Tape & Reel (TR)                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature          | 0°C ~ 125°C (TJ)                                |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                         | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                             | Logic Voltage - VIL, VIH       | 1V, 2V                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                | Input Type                     | Non-Inverting                                   |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                           | 36V                                       | Gate Type                      | N-Channel MOSFET                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                          | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                          | -, 4A                                     | Channel Type                   | Synchronous                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | ISL6609                                   |                                |                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 73167 pieces of Intersil ISL6609CBZ-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                                                                                                |                                                                                       |                                         |                |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6610ACBZ-T</a><br>Description: IC MOSFET DRVR DUAL SYNC 14-SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609IBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609CRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609ACBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609ACRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6610ACRZ-T</a><br>Description: IC MOSFET DRVR DUAL SYNC 16-QFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609AIRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609AIBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6610ACBZ</a><br>Description: IC MOSFET DRVR DUAL SYNC 14-SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609AIRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609AIRZ-TK</a><br>Description: IC MOSFET DVR SYNC RECT 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609IRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609CRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609CBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609IBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609ACBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  <div>A Renesas Company</div> | Part#: <a href="#">ISL6609AIBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609ACRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6610ACRZ</a><br>Description: IC MOSFET DRVR DUAL SYNC 16-QFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|                               | Part#: <a href="#">ISL6609IRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL6609CBZ-T

|                                 |                          |                       |                    |
|---------------------------------|--------------------------|-----------------------|--------------------|
| Intersil ISL6609CBZ-T           | ISL6609CBZ-T distributor | ISL6609CBZ-T supplier | ISL6609CBZ-T price |
| ISL6609CBZ-T download datasheet | ISL6609CBZ-T datasheet   | ISL6609CBZ-T stock    | buy ISL6609CBZ-T   |
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