

ISL6608IB-T



A Renesas Company

Part Number: [ISL6608IB-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6608](#)

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 ISL6608IB-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | ISL6608IB-T                               | Manufacturer                   | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MOSFET DRVR SYNC BUCK 8-SOIC           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 4854 pcs                                  | Data sheet                     | <a href="#">ISL6608</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          | -40°C ~ 125°C (TJ)                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                         | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Logic Voltage - VIL, VIH       | -                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Input Type                     | Non-Inverting                                   |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                      | 22V                                       | 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)                                                                                                                                                                                                                                                                                                                                                                                                     | 2A, 2A                                    | Channel Type                   | Synchronous                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | ISL6608                                   |                                |                                                 |
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|  | Part#: <a href="#">ISL6608IBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6608IB</a><br>Description: IC DRIVER MOSFET DUAL SYNC 8SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6605IRZA-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6609ACBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL6608IB-T

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