

ISL6608IB



A Renesas Company

Part Number: [ISL6608IB](#)

Manufacturer: [Intersil](#)

Description: IC DRIVER MOSFET DUAL SYNC 8SOIC

Data sheet:  [ISL6608](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | ISL6608IB                                 | Manufacturer                   | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC DRIVER MOSFET DUAL SYNC 8SOIC          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4978 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                      | Tube                                            |
| 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                                   |                                |                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4978 pieces of Intersil ISL6608IB 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="#">ISL6605IRZA-T</a>         | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6605IRZA</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608CBZ</a>            | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608IBZ-T</a>          | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6609ACBZ</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608CB</a>             | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608CR</a>             | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608CR-T</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608IR</a>             | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608IRZ-T</a>          | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6609ACBZ-T</a>         | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608CB-T</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608IB-T</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6609ACRZ</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608CRZ</a>            | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608CRZ-T</a>          | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
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|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-SOIC |                                         |     |
|  | Part#: <a href="#">ISL6608IR-T</a>           | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |
|  | Part#: <a href="#">ISL6608IRZ</a>            | Manufacturers: <a href="#">Intersil</a> | RFQ |
|                                                                                    | Description: IC MOSFET DRVR SYNC BUCK 8-QFN  |                                         |     |

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