

ISL6609ACBZ



A Renesas Company

Part Number: [ISL6609ACBZ](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8-SOIC

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

RoHs Status: Lead free / RoHS 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                                                                                                                                                                                                                                                                                                                                                                                                                               | ISL6609ACBZ                                     | Manufacturer                         | <a href="#">Intersil</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MOSFET DRVR SYNC BUCK 8-SOIC                 | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 36532 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                            | Tube                       |
| 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)                                   | Manufacturer Standard Lead Time      | 7 Weeks                    |
| 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                    |
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