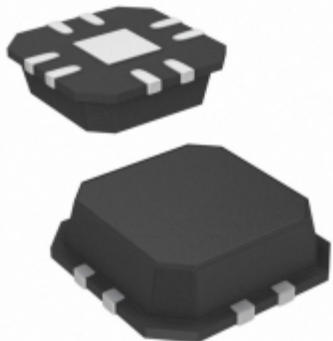


ISL6609AIRZ-T



  
A Renesas Company

**Part Number:** [ISL6609AIRZ-T](#)

**Manufacturer:** [Intersil](#)

**Description:** IC MOSFET DRVR SYNC BUCK 8-QFN

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

**RoHs Status:** Lead free / RoHS Compliant

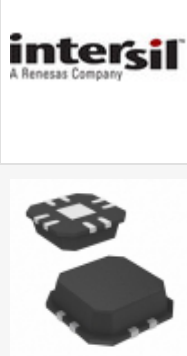
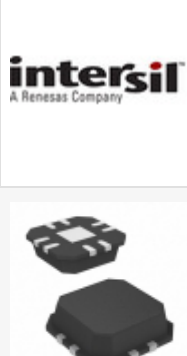
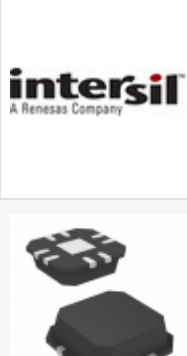
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL6609AIRZ-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                      |                                      |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | ISL6609AIRZ-T                                        | Manufacturer                         | <a href="#">Intersil</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MOSFET DRVR SYNC BUCK 8-QFN                       | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 53236 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-QFN (3x3)                                          | Series                               | -                          |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                      | 8ns, 8ns                                             | Packaging                            | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-VQFN Exposed Pad                                   | Operating Temperature                | -40°C ~ 125°C (TJ)         |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                    | Mounting Type                        | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                                        | Manufacturer Standard Lead Time      | 25 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-QFN (3x3) | 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 53236 pieces of Intersil ISL6609AIRZ-T 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="#">ISL6609ACBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609AIBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609ACBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609IRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609ACRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609IRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609AIBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609AIRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6610ACBZ</a><br>Description: IC MOSFET DRVR DUAL SYNC 14-SOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609CRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609IBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609AIRZ-TK</a><br>Description: IC MOSFET DVR SYNC RECT 8-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609IBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609ACRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609CRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6608IRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6608IR-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609CBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6609CBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6608IRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL6609AIRZ-T

|                                  |                           |                        |                     |
|----------------------------------|---------------------------|------------------------|---------------------|
| Intersil ISL6609AIRZ-T           | ISL6609AIRZ-T distributor | ISL6609AIRZ-T supplier | ISL6609AIRZ-T price |
| ISL6609AIRZ-T download datasheet | ISL6609AIRZ-T datasheet   | ISL6609AIRZ-T stock    | buy ISL6609AIRZ-T   |
| Intersil ISL6609AIRZ-T           |                           |                        |                     |