

ISL6620AIBZ-T



A Renesas Company

Part Number: [ISL6620AIBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6620\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

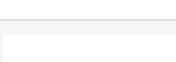
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL6620AIBZ-T                             | Manufacturer                   | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MOSFET DVR SYNC BUCK 8-SOIC            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 5428 pcs                                  | Data sheet                     | <a href="#">ISL6620(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          | -40°C ~ 125°C (TJ)                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                         | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                             | Logic Voltage - VIL, VIH       | -                                               |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                       | 2A, 2A                                    | Channel Type                   | Synchronous                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | ISL6620                                   |                                |                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5428 pieces of Intersil ISL6620AIBZ-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                                                                   |                                                                                       |                                         |                     |
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|  | Part#: <a href="#">ISL6620ACBZ</a><br>Description: IC SYNC RECT MOSFET DRVR 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620ACRZ</a><br>Description: IC SYNC RECT MOSFET DRVR 10-DFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620CBZ</a><br>Description: IC SYNC RECT MOSFET DRVR 8-SOIC     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620CRZ</a><br>Description: IC SYNC RECT MOSFET DRVR 10-DFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620ACRZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 10-DFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6617IRZ-T</a><br>Description: IC PWM DOUBLER MONITOR 10DFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620IRZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 10-DFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6617CRZ-T</a><br>Description: IC PWM DOUBLER MONITOR 10DFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620CRZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 10-DFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6617IRZ</a><br>Description: IC PWM DOUBLER MONITOR 10DFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620AIRZ</a><br>Description: IC SYNC RECT MOSFET DRVR 10-DFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620IBZ</a><br>Description: IC SYNC RECT MOSFET DRVR 8-SOIC     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620AIRZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 10-DFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6617CRZ</a><br>Description: IC PWM DOUBLER MONITOR 10DFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620CBZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620IRZ</a><br>Description: IC SYNC RECT MOSFET DRVR 10-DFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620ACBZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6617AFRZ-TK</a><br>Description: PHASE SPLITTER, 3.3V PWM INPUT, | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620AIBZ</a><br>Description: IC SYNC RECT MOSFET DRVR 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6620IBZ-T</a><br>Description: IC MOSFET DVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL6620AIBZ-T

|                                  |                           |                        |                     |
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