

ISL6612CRZ-T





A Renesas Company

Part Number: [ISL6612CRZ-T](#)

Manufacturer: [Intersil](#)

Description: IC DRIVER MOSFET SYNC BUCK 10DFN

Data sheet:  [ISL6612](#), [ISL6613](#)

RoHs Status: Lead free / RoHS Compliant

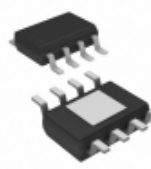
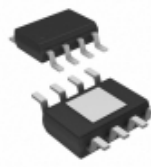
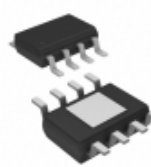
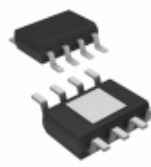
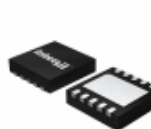
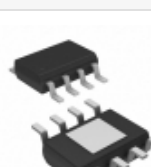
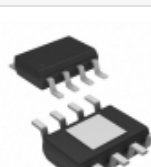
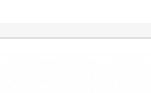
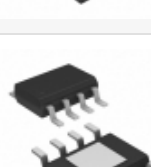
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL6612CRZ-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL6612CRZ-T                              | Manufacturer                     | <a href="#">Intersil</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DRIVER MOSFET SYNC BUCK 10DFN          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 67735 pcs                                 | Data sheet                       | <a href="#">ISL6612</a> , <a href="#">ISL6613</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 10.8 V ~ 13.2 V                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                    | 10-DFN (3x3)                              | Series                           | -                                                     |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                     | 26ns, 18ns                                | Packaging                        | Tape & Reel (TR)                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 10-VFDFN Exposed Pad                      | Other Names                      | ISL6612CRZ-TTR                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                      | 0°C ~ 125°C (TJ)                          | Number of Drivers                | 2                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                             | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | 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 10-DFN (3x3) |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                       | 1.25A, 2A                                 | Channel Type                     | Synchronous                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | ISL6612                                   |                                  |                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 67735 pieces of Intersil ISL6612CRZ-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="#">ISL6612EIBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612EIB-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CRZR5238</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612EIB</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZA</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612ECB</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CR</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CRZ-TR5238</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZA-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZA-TR5214</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612ECBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZR5238</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612ECB-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZR5214</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CBZAR5214</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6612CR-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6612EIBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL6612CRZ-T

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