

ISL6613CR-T



**Part Number:** ISL6613CR-T

**Manufacturer:** Intersil

**Description:** IC MOSFET DRVR SYNC BUCK 10-DFN

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

**RoHS Status:** Contains lead / RoHS non-compliant

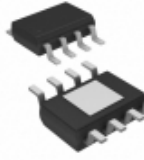
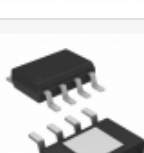
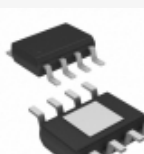
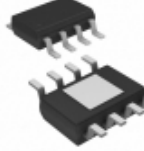
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL6613CR-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | ISL6613CR-T                               | Manufacturer                   | <a href="#">Intersil</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MOSFET DRVR SYNC BUCK 10-DFN           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 4326 pcs                                  | Data sheet                     | <a href="#">ISL6612, 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-VDFDN Exposed Pad                      | Operating Temperature          | 0°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)                                                                                                                                                                                                                                                                                                                                                                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                         | ISL6613                                   |                                |                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                         |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL6613ECBZR5214</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613CB-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613CBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613BIRZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613BIR-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="#">ISL6613ECBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613CRZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613EIB</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613CBZ-TR5214</a><br>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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| Related keywords for ISL6613CR-T |                         |                      |                   |
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