

ISL6613ECBZ-TR5214





A Renesas Company

Part Number: [ISL6613ECBZ-TR5214](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC

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

RoHs Status: Lead free / RoHS Compliant

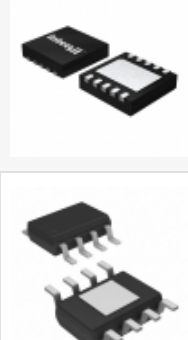
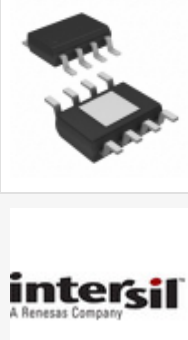
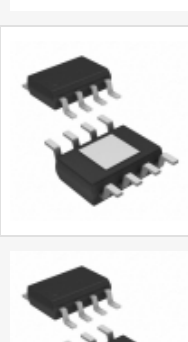
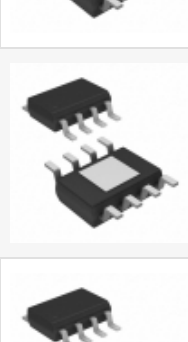
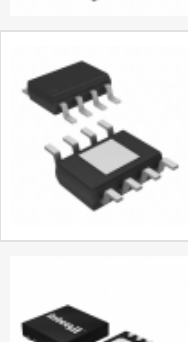
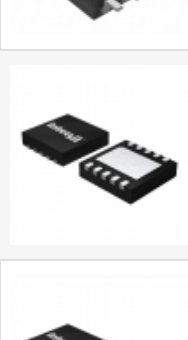
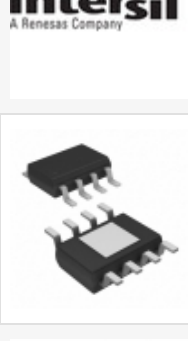
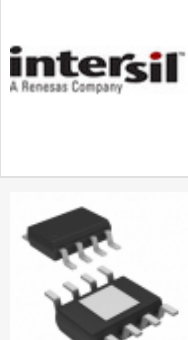
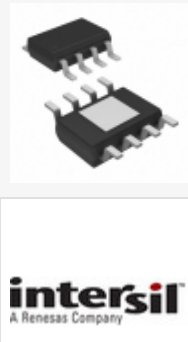
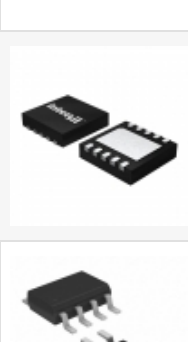
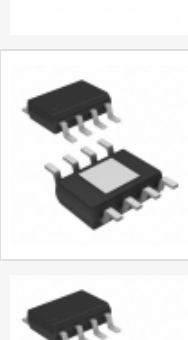
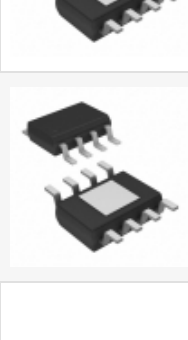
Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | ISL6613ECBZ-TR5214                        | Manufacturer                   | <a href="#">Intersil</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MOSFET DRVR SYNC BUCK 8EPSOIC          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 5032 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                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC-EP                                 | Series                         | -                                                  |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                          | 26ns, 18ns                                | Packaging                      | Tape & Reel (TR)                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Operating Temperature          | 0°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-EP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                            | 1.25A, 2A                                 | Channel Type                   | Synchronous                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL6613                                   |                                |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                         |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|----------------|
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|  | Part#: <a href="#">ISL6613IR</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613EIBZ-T</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6613ECBZ</a><br>Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6613CR</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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