

ISL6207CBZ-T



A Renesas Company

Part Number: [ISL6207CBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6207](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | ISL6207CBZ-T                              | Manufacturer                   | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MOSFET DRVR SYNC BUCK 8-SOIC           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 4315 pcs                                  | Data sheet                     | <a href="#">ISL6207</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          | -10°C ~ 125°C (TJ)                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                         | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                             | 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-SOIC |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                         | 2A, 2A                                    | Channel Type                   | Synchronous                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | ISL6207                                   |                                |                                                 |
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