

ISL6613AECB-T



**Part Number:** [ISL6613AECB-T](#)

**Manufacturer:** [Intersil](#)

**Description:** IC MOSFET DRVR SYNC BUCK 8EPSOIC

**Data sheet:**  [ISL6612A, ISL6613A](#)

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

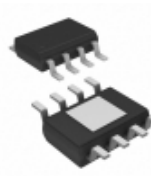
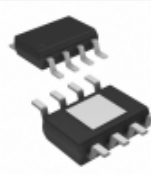
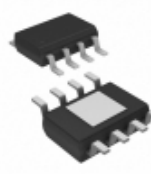
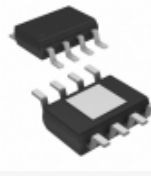
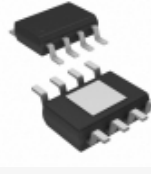
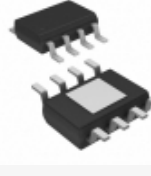
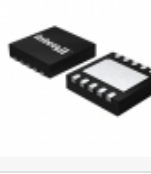
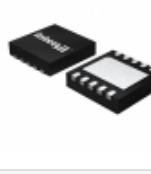
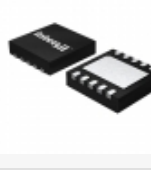
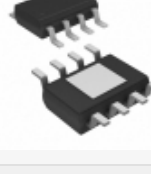
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL6613AECB-T                             | Manufacturer                   | <a href="#">Intersil</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MOSFET DRVR SYNC BUCK 8EPSOIC          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 5062 pcs                                  | Data sheet                     | <a href="#">ISL6612A, ISL6613A</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)                                                                                                                                                                                                                                                                                                                                                                                                           | 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 8-SOIC-EP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                       | 1.25A, 2A                                 | Channel Type                   | Synchronous                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | ISL6613AE                                 |                                |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                |
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|  | Part#: <a href="#">ISL6613AECB-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="#">ISL6612IRZR5238</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6613AECB</a><br>Description: IC MOSFET DRVR SYNC BUCK 10-DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL6613AECB-T

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