

ISL89163FBFAZ





A Renesas Company

Part Number: ISL89163FBFAZ

Manufacturer: Intersil

Description: MOSFET DRIVER 2CH 3.3V 6A 8SOIC

Data sheet:  [ISL89163-65](#)

RoHs Status: Lead free / RoHS Compliant

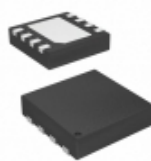
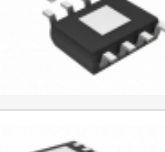
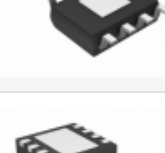
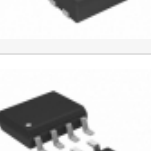
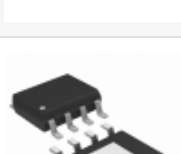
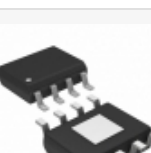
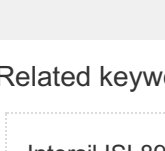
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | ISL89163FBFAZ                             | Manufacturer                    | <a href="#">Intersil</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | MOSFET DRIVER 2CH 3.3V 6A 8SOIC           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 43877 pcs                                 | Data sheet                      | <a href="#">ISL89163-65</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 4.5 V ~ 16 V                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC-EP                                 | Series                          | -                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                      | 20ns, 20ns                                | Packaging                       | Tube                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Operating Temperature           | -40°C ~ 125°C (TJ)                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                         | Mounting Type                   | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                         |
| Logic Voltage - VIL, VIH                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.22V, 2.08V                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Non-Inverting                             | Gate Type                       | N-Channel MOSFET                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                        | Low-Side                                  | Detailed Description            | Low-Side Gate Driver IC Non-Inverting 8-SOIC-EP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                        | 6A, 6A                                    | Channel Type                    | Independent                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | ISL89163                                  |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                |
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|  | Part#: <a href="#">ISL89161FRTBZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89163FRTAZ</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89163FRTAZ-T</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89162FBFBZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89162FRTBZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89163FRTBZ</a><br>Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89163FRTCZ</a><br>Description: MOSFET DRIVER 2CH 6A 8TDFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89163FBFAZ-T</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL89163FBFAZ

|                                  |                           |                        |                     |
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