

ISL89401ABZ



A Renesas Company

Part Number: [ISL89401ABZ](#)

Manufacturer [Intersil](#)

Description IC DRVR H-BRDG 100V 1.25A 8SOIC

Data sheet:  [ISL89400-01](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

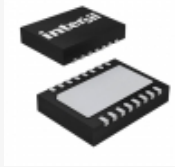
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| PRODUCT PARAMETER                |                                                 |                                      |                             |
|----------------------------------|-------------------------------------------------|--------------------------------------|-----------------------------|
| Part Number                      | ISL89401ABZ                                     | Manufacturer                         | <a href="#">Intersil</a>    |
| Description                      | IC DRVR H-BRDG 100V 1.25A 8SOIC                 | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant  |
| Quantity Available               | 56216 pcs                                       | Data sheet                           | <a href="#">ISL89400-01</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply                     | 9 V ~ 14 V                  |
| Supplier Device Package          | 8-SOIC                                          | Series                               | -                           |
| Rise / Fall Time (Typ)           | 16ns, 16ns                                      | Packaging                            | Tube                        |
| Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                   | 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      | 9 Weeks                     |
| Logic Voltage - VIL, VIH         | 1.4V, 2.2V                                      | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant  |
| Input Type                       | Non-Inverting                                   | High Side Voltage - Max (Bootstrap)  | 100V                        |
| 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) | 1.25A, 1.25A                |
| Channel Type                     | Independent                                     | Base Part Number                     | ISL89401                    |

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|  | Part#: <a href="#">ISL89367FRTAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 16TDFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89401ABZ-TK</a><br>Description: IC DRVR H-BRDG 100V 1.25A 8SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89410IBZ-T13</a><br>Description: IC DRVR MOSFET DUAL-CH 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL89410IBZ</a><br>Description: IC DRVR MOSFET DUAL-CH 8-SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89411IBZ-T13</a><br>Description: IC DRVR MOSFET DUAL-CH 8-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89401ABZ-T</a><br>Description: IC DRVR H-BRDG 100V 1.25A 8SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89400AR3Z-T</a><br>Description: IC MOSFET DRVR 100V 1.25A 9-DFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL89168FBEAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89411IBZ</a><br>Description: IC DRVR MOSFET DUAL-CH 8-SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89401AR3Z-T</a><br>Description: IC MOSFET DRVR 100V 1.25A 9-DFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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