

ISL89165FRTCZ-T



A Renesas Company

Part Number: [ISL89165FRTCZ-T](#)

Manufacturer: [Intersil](#)

Description: MOSFET DRIVER 2CH 6A 8TDFN

Data sheet:  [ISL89163-65](#)

RoHs Status: Lead free / RoHS Compliant

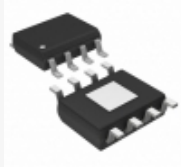
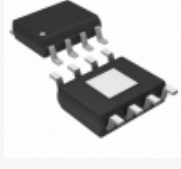
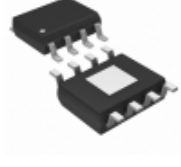
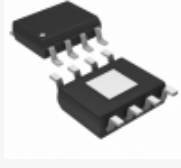
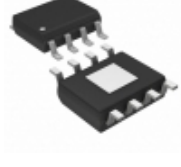
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL89165FRTCZ-T with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                                      |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------|-----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | ISL89165FRTCZ-T                                            | Manufacturer                         | <a href="#">Intersil</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | MOSFET DRIVER 2CH 6A 8TDFN                                 | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 5083 pcs                                                   | Data sheet                           | <a href="#">ISL89163-65</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                  | Voltage - Supply                     | 7.5 V ~ 16 V                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC-EP                                                  | Series                               | -                           |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                          | 20ns, 20ns                                                 | Packaging                            | Tape & Reel (TR)            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-VDFN Exposed Pad                                         | Operating Temperature                | -40°C ~ 125°C (TJ)          |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                          | Mounting Type                        | Surface Mount               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                                              | Logic Voltage - VIL, VIH             | 2.4V, 9.6V                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                                 | Input Type                           | Inverting, Non-Inverting    |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | N-Channel MOSFET                                           | Driven Configuration                 | Low-Side                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                            | Low-Side Gate Driver IC Inverting, Non-Inverting 8-SOIC-EP | Current - Peak Output (Source, Sink) | 6A, 6A                      |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                    | Independent                                                | Base Part Number                     | ISL89165                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5083 pieces of Intersil ISL89165FRTCZ-T in stock available now.<br>Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                            |                                      |                             |

| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL89165FBECZ</a><br>Description: MOSFET DRIVER 2CH 6A 8SOIC        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FBEAZ-T</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89166FRTAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FRTCZ</a><br>Description: MOSFET DRIVER 2CH 6A 8TDFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FBECZ-T</a><br>Description: MOSFET DRIVER 2CH 6A 8SOIC      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89168FBEAZ</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89167FBEAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FRTAZ</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | 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="#">ISL89167FBEAZ</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FBEBZ-T</a><br>Description: MOSFET DRIVER 2CH 5.0V 6A 8SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89167FRTAZ</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FBEBZ</a><br>Description: MOSFET DRIVER 2CH 5.0V 6A 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FRTBZ</a><br>Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89166FBEAZ</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89167FRTAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FRTAZ-T</a><br>Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89165FRTBZ-T</a><br>Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89166FRTAZ</a><br>Description: IC MOSFET DRIVER 2CH 6A 8TDFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL89166FBEAZ-T</a><br>Description: IC MOSFET DRIVER 2CH 6A 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

|                                             |                             |                          |                       |
|---------------------------------------------|-----------------------------|--------------------------|-----------------------|
| Related keywords for <b>ISL89165FRTCZ-T</b> |                             |                          |                       |
| Intersil ISL89165FRTCZ-T                    | ISL89165FRTCZ-T distributor | ISL89165FRTCZ-T supplier | ISL89165FRTCZ-T price |
| ISL89165FRTCZ-T download datasheet          | ISL89165FRTCZ-T datasheet   | ISL89165FRTCZ-T stock    | buy ISL89165FRTCZ-T   |
| Intersil ISL89165FRTCZ-T                    |                             |                          |                       |