

IRSF3031



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**Part Number:** [IRSF3031](#)

**Manufacturer** [International Rectifier \(Infineon Technologies\)](#)

**Description** IC DRIVER LO SIDE 50V TO-220AB

**Data sheet:**  [IRSF3031](#)

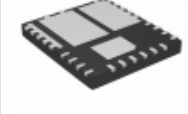
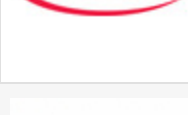
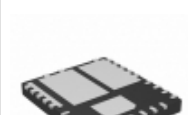
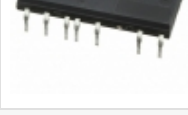
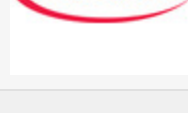
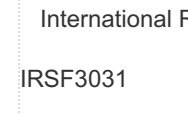
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IRSF3031                                  | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC DRIVER LO SIDE 50V TO-220AB            | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4292 pcs                                  | Data sheet                       | <a href="#">IRSF3031</a>                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | Not Required                                                    |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50V (Max)                                 | Switch Type                      | General Purpose                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                              | TO-220AB                                  | Series                           | -                                                               |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 155 mOhm                                  | Ratio - Input:Output             | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tube                                      | Package / Case                   | TO-220-3                                                        |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N-Channel                                 | Output Configuration             | Low Side                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                          | *IRSF3031                                 | Operating Temperature            | -55°C ~ 150°C (TJ)                                              |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant        | Interface                        | On/Off                                                          |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Non-Inverting                             | Features                         | Slew Rate Controlled                                            |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over Temperature, Over Voltage            | Current - Output (Max)           | 1.8A                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IRSF3031                                  |                                  |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 4292 pieces of International Rectifier (Infineon Technologies) IRSF3031 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                                                |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">IRSF3031L</a><br>Description: IC DRVR LO SIDE 50V 1.8A SOT-223   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3031LTR</a><br>Description: IC DRVR LO SIDE 50V 1.8A SOT-223 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM005-301MHTR</a><br>Description: IC GATE DRIVER 100V QFN      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3012</a><br>Description: IC DRIVER LO SIDE 50V 7A TO220AB    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSLIDER2EK</a><br>Description: BOARD EVAL IR SLIDER SI1142      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3011</a><br>Description: IC LOW SIDE DRIVER TO-220AB         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM505-015DA2</a><br>Description: IC MOTOR DRIVER 600V 23DIP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSLIDEREK</a><br>Description: BOARD EVAL IR SLIDER SI1120       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3021</a><br>Description: IC DRIVER LO SIDE 50V 3A TO220AB    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM005-301MH</a><br>Description: IC GATE DRIVER 100V QFN        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3012L</a><br>Description: IC DRIVER LO SIDE 50V 7A SOT-223   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3021L</a><br>Description: IC DRIVER LO SIDE 50V 3A SOT-223   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM005-800MH</a><br>Description: IC GATE DRIVER 40V QFN         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3011LTR</a><br>Description: IC DRIVER LO SIDE 50V 5A SOT-223 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3011L</a><br>Description: IC DRIVER LO SIDE 50V 5A SOT-223   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3010</a><br>Description: IC FET SMART SW 50V 11A TO-220AB    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3010S</a><br>Description: IC FET SMART SW 50V 11A D2PAK      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM005-800MHTR</a><br>Description: IC GATE DRIVER 40V QFN       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSM505-015DA</a><br>Description: IC MOTOR DRIVER 600V 23DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IRSF3021LTR</a><br>Description: IC DRIVER LO SIDE 50V 3A SOT-223 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |

| Related keywords for IRSF3031 |                                                 |                                                 |                                     |
|-------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------|
| IRSF3031                      | International Rectifier (Infineon Technologies) | IRSF3031 distributor                            | IRSF3031 supplier                   |
|                               |                                                 | IRSF3031 download datasheet                     | IRSF3031 datasheet                  |
| buy IRSF3031                  |                                                 | International Rectifier (Infineon Technologies) | International Rectifier IRSF3031    |
|                               |                                                 | IRSF3031                                        | Infineon Technologies IRSF3031      |
|                               |                                                 |                                                 | IR (Infineon Technologies) IRSF3031 |
|                               |                                                 | IRSF3031                                        |                                     |