

IR2109PBF



**Part Number:** [IR2109PBF](#)

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

**Description:** IC DRIVER HALF BRIDGE 8DIP

**Data sheet:**  [IR2109\(4\) \(S\) \(PbF\)](#)

**RoHs Status:** Lead free / RoHS Compliant

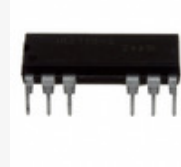
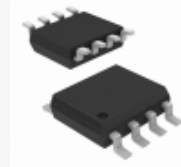
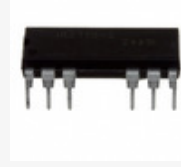
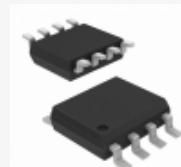
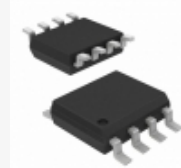
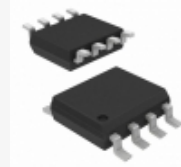
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IR2109PBF                                 | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC DRIVER HALF BRIDGE 8DIP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 57464 pcs                                 | Data sheet                       | <a href="#">IR2109(4) (S) (PbF)</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 10 V ~ 20 V                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-PDIP                                    | Series                           | -                                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 150ns, 50ns                               | Packaging                        | Tube                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8-DIP (0.300", 7.62mm)                    | Other Names                      | *IR2109PBF<br>SP001544584                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 150°C (TJ)                        | Number of Drivers                | 2                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Through Hole                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18 Weeks                                  | Logic Voltage - VIL, VIH         | 0.8V, 2.9V                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Input Type                       | Non-Inverting                                                   |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 600V                                      | Gate Type                        | IGBT, N-Channel MOSFET                                          |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Half-Bridge                               | Detailed Description             | Half-Bridge Gate Driver IC Non-Inverting 8-PDIP                 |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 200mA, 350mA                              | Channel Type                     | Synchronous                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IR2109PBF                                 |                                  |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 57464 pieces of International Rectifier (Infineon Technologies) IR2109PBF 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                                                |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">IR21094STRPBF</a><br>Description: IC DRIVER HALF BRIDGE 14-SOIC | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110-2PBF</a><br>Description: IC DRIVER HIGH/LOW SIDE 14-DIP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110PBF</a><br>Description: IC DRIVER HIGH/LOW SIDE 14DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2109S</a><br>Description: IC DRIVER HALF-BRIDGE 8-SOIC        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2109STRPBF</a><br>Description: IC DRIVER HALF BRIDGE 8SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110-2</a><br>Description: IC DRIVER HIGH/LOW SIDE 14-DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21094</a><br>Description: IC DRIVER HALF-BRIDGE 14-DIP        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2109SPBF</a><br>Description: IC DRIVER HALF BRIDGE 8SOIC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110</a><br>Description: IC DRIVER HIGH/LOW SIDE 14-DIP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2109STR</a><br>Description: IC DRIVER HALF-BRIDGE 8-SOIC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21091SPBF</a><br>Description: IC DRIVER HALF BRIDGE 8-SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21091PBF</a><br>Description: IC DRIVER HALF BRIDGE 8-DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21094S</a><br>Description: IC DRIVER HALF-BRIDGE 14-SOIC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2108STRPBF</a><br>Description: IC DRIVER HALF BRIDGE 8SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21094PBF</a><br>Description: IC DRIVER HALF-BRIDGE 14-DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21094SPBF</a><br>Description: IC DRIVER HALF BRIDGE 14SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110-1</a><br>Description: IC DRIVER HIGH/LOW SIDE 14-DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2110-1PBF</a><br>Description: IC DRIVER HIGH/LOW SID 14DIP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR2109</a><br>Description: IC DRIVER HALF-BRIDGE 8-DIP          | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IR21091STRPBF</a><br>Description: IC DRIVER HALF BRIDGE 8SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |

| Related keywords for IR2109PBF |                                                 |                                                 |                                                 |
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|                                |                                                 | IR2109PBF download datasheet                    | IR2109PBF datasheet                             |
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