

IR2152S



Part Number: [IR2152S](#)

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

Description: IC DRV R HALF BRDG SELF-OSC 8SOIC

Data sheet:  [IR2152](#)

RoHS Status: Contains lead / RoHS non-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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IR2152S                                   | Manufacturer                   | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRV R HALF BRDG SELF-OSC 8SOIC         | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5750 pcs                                  | Data sheet                     | <a href="#">IR2152</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 10 V ~ 20 V                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-SOIC                                    | Series                         | -                                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 80ns, 40ns                                | Packaging                      | Tube                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature          | -40°C ~ 150°C (TJ)                                              |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                         | Mounting Type                  | Surface Mount                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Logic Voltage - VIL, VIH       | -                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contains lead / RoHS non-compliant        | Input Type                     | RC Input Circuit                                                |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600V                                      | Gate Type                      | IGBT, N-Channel MOSFET                                          |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC RC Input Circuit 8-SOIC              |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 125mA, 250mA                              | Channel Type                   | Synchronous                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IR2152S                                   |                                |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 5750 pieces of International Rectifier (Infineon Technologies) IR2152S 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="#">IR2151SPBF</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531STR</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531S</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2152STR</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2152</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8-DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531STRPBF</a><br>Description: IC DRIVER HALF BRIDGE OSC 8SOIC | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2153</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8-DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8-DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2137Q</a><br>Description: IC DRIVER BRIDGE 3-PHASE 64-MQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2138QPBF</a><br>Description: IC IGBT DVR 600V 3PHASE 64-MQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21381QPBF</a><br>Description: IC CTRL AC MOTOR 3PHASE 64-MQFP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2151STR</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531DPBF</a><br>Description: IC DVR HALF BRDG SELF-OSC 8-DIP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2151PBF</a><br>Description: IC DRIVER HALF BRIDGE DIP-8         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531PBF</a><br>Description: IC DVR HALF BRDG SELF-OSC 8-DIP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2137J</a><br>Description: IC DRIVER BRIDGE 3-PHASE 64-PLCC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2151</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8-DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531SPBF</a><br>Description: IC HALF BRDG DVR SELF-OSC 8SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21531D</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8-DIP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2151S</a><br>Description: IC DRV R HALF BRDG SELF-OSC 8SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

| Related keywords for IR2152S |                                                 |                                                 |                                    |
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|                              |                                                 | IR2152S download datasheet                      | IR2152S datasheet                  |
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