

IR2117PBF



Part Number: [IR2117PBF](#)

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

Description: IC HIGH SIDE DRIVER SGL 8-DIP

Data sheet:  [IR2117\(S\)/IR2118\(S\) \(PbF\)](#)

RoHs Status: Lead free / RoHS Compliant

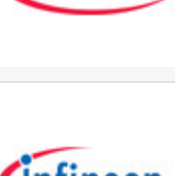
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IR2117PBF                                 | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC HIGH SIDE DRIVER SGL 8-DIP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 73997 pcs                                 | Data sheet                       | <a href="#">IR2117(S)/IR2118(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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80ns, 40ns                                | Packaging                        | Tube                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8-DIP (0.300", 7.62mm)                    | Other Names                      | SP001539138                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 150°C (TJ)                        | Number of Drivers                | 1                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Through Hole                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18 Weeks                                  | Logic Voltage - VIL, VIH         | 6V, 9.5V                                                        |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | High-Side                                 | Detailed Description             | High-Side Gate Driver IC Non-Inverting 8-PDIP                   |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250mA, 500mA                              | Channel Type                     | Single                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IR2117PBF                                 |                                  |                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                                |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">IR2118STRPBF</a><br>Description: IC MOSFET DRIVER 1CHANNEL 8SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2118PBF</a><br>Description: IC MOSFET DRIVER HIGH-SIDE 8-DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2113STR</a><br>Description: IC MOSFET DRVR HI/LO SIDE 16SOIC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2118</a><br>Description: IC MOSFET DRIVER HIGH-SIDE 8-DIP         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2118STR</a><br>Description: IC MOSFET DRIVER HIGH-SIDE 8SOIC      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2117STRPBF</a><br>Description: IC MOSFET DRIVER 1CHANNEL 8SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2113SPBF</a><br>Description: IC MOSFET DRVR HI/LO SIDE 16SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2113PBF</a><br>Description: IC MOSFET DVR HI/LO SIDE 14-DIP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2121PBF</a><br>Description: IC MOSFET DRIVER LOW SIDE 8DIP        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21141SSSTRPBF</a><br>Description: IC DVR HALF BRIDGE 600V 24-SSOP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2117SPBF</a><br>Description: IC MOSFET DRIVER 1CHAN 8SOIC         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2113STRPBF</a><br>Description: IC MOSFET DRVR HI/LO SIDE 16SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2114SS</a><br>Description: IC DRIVER HALF-BRIDGE 24-SSOP          | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR21141SSPBF</a><br>Description: IC DRVR HALF BRIDGE 600V 24-SSOP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2117</a><br>Description: IC MOSFET DRIVER SGL-CH 8-DIP            | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2118SPBF</a><br>Description: IC MOSFET DRIVER HIGH SIDE 8SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2117STR</a><br>Description: IC MOSFET DRIVER SGL-CH 8-SOIC        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2114SSSTRPBF</a><br>Description: IC DVR HALF BRIDGE 600V 24-SSOP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2114SSPBF</a><br>Description: IC DRIVER HALF-BRIDGE 24-SSOP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IR2121</a><br>Description: IC MOSFET DRIVER LOW-SIDE 8-DIP          | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

| Related keywords for IR2117PBF |                                                 |                                                 |                                      |
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