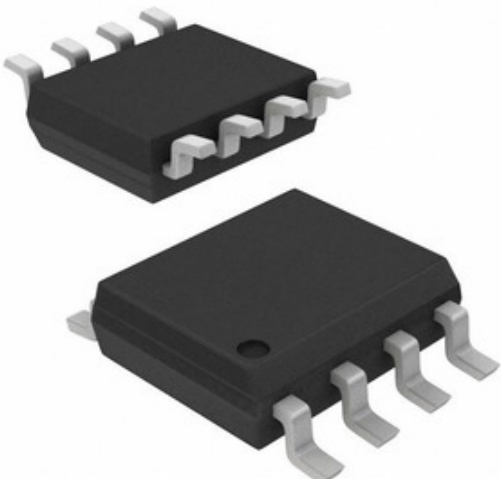




International Rectifier (Infineon Technologies)

Technologies)



IRS2181SPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRS2181SPBF                                                                                                  |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC DRIVER HI/LO SIDE 600V 8-SOIC                                                                             |
| Datasheets:         |  1.IRS2181SPBF.pdf          |
|                     |  2.IRS2181SPBF.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 37313 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of IRS2181SPBF

|                                      |                                                                                                                                                                                                                |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | IRS2181SPBF                                                                                                                                                                                                    |
| MANUFACTURER                         | International Rectifier (Infineon Technologies)                                                                                                                                                                |
| DESCRIPTION                          | IC DRIVER HI/LO SIDE 600V 8-SOIC                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE                   | 37313 pcs                                                                                                                                                                                                      |
| DATA SHEET                           |  1.IRS2181SPBF.pdf<br> 2.IRS2181SPBF.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                                                                                                                         |
| SERIES                               | -                                                                                                                                                                                                              |
| RISE / FALL TIME (TYP)               | 40ns, 20ns                                                                                                                                                                                                     |
| PACKAGING                            | Tube                                                                                                                                                                                                           |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                  |
| OTHER NAMES                          | SP001542894                                                                                                                                                                                                    |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                                                                                                                                                                                             |
| NUMBER OF DRIVERS                    | 2                                                                                                                                                                                                              |
| MOUNTING TYPE                        | Surface Mount                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2 (1 Year)                                                                                                                                                                                                     |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2.5V                                                                                                                                                                                                     |
| 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                 | Half-Bridge                                                                                                                                                                                                    |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC                                                                                                                                                                |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 1.9A, 2.3A                                                                                                                                                                                                     |
| CHANNEL TYPE                         | Independent                                                                                                                                                                                                    |
| BASE PART NUMBER                     | IRS2181SPBF                                                                                                                                                                                                    |

Related Tags

|                                                             |                                                          |                                                                 |
|-------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRS2181SPBF | IRS2181SPBF Distributor                                  | IRS2181SPBF Supplier                                            |
| IRS2181SPBF Price                                           | IRS2181SPBF Pictures                                     | IRS2181SPBF Image                                               |
| IRS2181SPBF PDF Datasheet                                   | IRS2181SPBF Download Datasheet                           | IRS2181SPBF Datasheet                                           |
| IRS2181SPBF Stock                                           | Buy IRS2181SPBF                                          | Buy International Rectifier (Infineon Technologies) IRS2181SPBF |
| International Rectifier (Infineon Technologies) IRS2181SPBF | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor     |
| International Rectifier (Infineon Technologies) IRS2181SPBF | International Rectifier IRS2181SPBF                      | Infineon Technologies IRS2181SPBF                               |
| International Rectifier (Infineon Technologies) IRS2181SPBF | IR (Infineon Technologies) IRS2181SPBF                   |                                                                 |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>IRS21834STRPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 14-SOIC<br/>In stock: 32880 pcs</div> <div>RFQ</div> |  <div>IRS2181STRPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC<br/>In stock: 34493 pcs</div> <div>RFQ</div> |
|  <div>IRS2183PBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 8-DIP<br/>In stock: 25937 pcs</div> <div>RFQ</div>       |  <div>IRS2183SPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF BRIDGE 600V 8SOIC<br/>In stock: 40693 pcs</div> <div>RFQ</div>   |
|  <div>IRS21834SPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 14-SOIC<br/>In stock: 30238 pcs</div> <div>RFQ</div>   |  <div>IRS21814STRPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HIGH/LOW SIDE 14-SOIC<br/>In stock: 51002 pcs</div> <div>RFQ</div> |
|  <div>IRS2181PBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-DIP<br/>In stock: 54013 pcs</div> <div>RFQ</div>   |  <div>IRS21814SPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HIGH/LOW SIDE 14-SOIC<br/>In stock: 59759 pcs</div> <div>RFQ</div>   |
|  <div>IRS21814MPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HIGH/LOW SIDE 16MLPQ<br/>In stock: 3726 pcs</div> <div>RFQ</div>   |  <div>IRS21814MTRPBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HIGH/LOW SIDE 16MLPQ<br/>In stock: 51218 pcs</div> <div>RFQ</div>  |
|  <div>IRS21814PBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI/LO SIDE 14-DIP<br/>In stock: 48391 pcs</div> <div>RFQ</div>         |  <div>IRS21834PBF</div> <div>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HALF BRIDGE 14-DIP<br/>In stock: 38469 pcs</div> <div>RFQ</div>          |