

IRS21844MPBF



Part Number: [IRS21844MPBF](#)

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

Description: IC DRIVER HALF-BRIDGE 16MLPQ

Data sheet:  [IRS21844MPBF](#)

RoHs Status: Lead free / RoHS Compliant

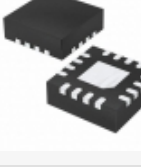
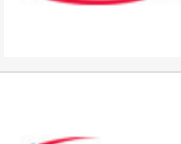
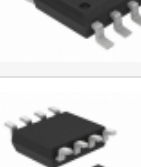
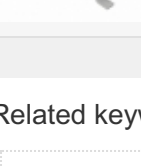
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IRS21844MPBF                              | Manufacturer                   | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC DRIVER HALF-BRIDGE 16MLPQ              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4259 pcs                                  | Data sheet                     | <a href="#">IRS21844MPBF</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 10 V ~ 20 V                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16-MLPQ (4x4)                             | Series                         | -                                                               |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40ns, 20ns                                | Packaging                      | Tube                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-VFQFN Exposed Pad, 14 Leads            | 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                      | N-Channel MOSFET                                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC Non-Inverting 16-MLPQ (4x4)          |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.9A, 2.3A                                | Channel Type                   | Synchronous                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IRS21844MPBF                              |                                |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 4259 pieces of International Rectifier (Infineon Technologies) IRS21844MPBF 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="#">IRS2183STRPBF</a><br>Description: IC DRIVER HALF-BRIDGE 8-SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21814STRPBF</a><br>Description: IC DRIVER HIGH/LOW SIDE 14-SOIC | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21834STRPBF</a><br>Description: IC DRIVER HALF-BRIDGE 14-SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2184PBF</a><br>Description: IC DVR HALF BRIDGE 8-DIP            | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21844STRPBF</a><br>Description: IC DRIVER HALF-BRIDGE 14-SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21844MTRPBF</a><br>Description: IC DRIVER HALF-BRIDGE 16MLPQ    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2181SPBF</a><br>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21844SPBF</a><br>Description: IC DRIVER HALF-BRIDGE 14-SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2184STRPBF</a><br>Description: IC DVR HALF BRIDGE 8-SOIC        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2181STRPBF</a><br>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2183SPBF</a><br>Description: IC DRIVER HALF BRIDGE 600V 8SOIC   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2183PBF</a><br>Description: IC DRIVER HALF-BRIDGE 8-DIP         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21834SPBF</a><br>Description: IC DRIVER HALF-BRIDGE 14-SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2184SPBF</a><br>Description: IC DRIVER HALF BRIDGE 8-SOIC       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21850STRPBF</a><br>Description: IC DVR HIGH SIDE 600V 8SOIC     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS2181PBF</a><br>Description: IC DRIVER HI/LO SIDE 600V 8-DIP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21844PBF</a><br>Description: IC DVR HALF BRIDGE 14-DIP          | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21834PBF</a><br>Description: IC DVR HALF BRIDGE 14-DIP          | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21851C</a><br>Description: IC DRIVER HIGH SIDE SGL 8-SOIC       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IRS21850SPBF</a><br>Description: IC DVR HIGH SIDE SGL 600V 8-SOIC  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

| Related keywords for IRS21844MPBF               |                                                 |                                                 |                                         |
|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------|
| International Rectifier (Infineon Technologies) | IRS21844MPBF distributor                        | IRS21844MPBF supplier                           | IRS21844MPBF price                      |
| IRS21844MPBF                                    | IRS21844MPBF download datasheet                 | IRS21844MPBF datasheet                          | IRS21844MPBF stock                      |
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|                                                 |                                                 | IRS21844MPBF                                    |                                         |

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