



**International Rectifier (Infineon Technologies)**



IRS21834STRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRS21834STRPBF                                                                                               |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC DRIVER HALF-BRIDGE 14-SOIC                                                                                |
| Datasheets:         |  IRS21834STRPBF.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 32880 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of IRS21834STRPBF

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | IRS21834STRPBF                                                                                         |
| MANUFACTURER                         | International Rectifier (Infineon Technologies)                                                        |
| DESCRIPTION                          | IC DRIVER HALF-BRIDGE 14-SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 32880 pcs                                                                                              |
| DATA SHEET                           |  IRS21834STRPBF.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                            |
| SUPPLIER DEVICE PACKAGE              | 14-SOIC                                                                                                |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 40ns, 20ns                                                                                             |
| PACKAGING                            | Original-Reel®                                                                                         |
| PACKAGE / CASE                       | 14-SOIC (0.154", 3.90mm Width)                                                                         |
| OTHER NAMES                          | IRS21834STRPBFDKR                                                                                      |
| 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                           | Inverting, 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 Inverting, Non-Inverting 14-SOIC                                            |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 1.9A, 2.3A                                                                                             |
| CHANNEL TYPE                         | Independent                                                                                            |
| BASE PART NUMBER                     | IRS21834SPBF                                                                                           |

Related Tags

|                                                                |                                                          |                                                                    |
|----------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRS21834STRPBF | IRS21834STRPBF Distributor                               | IRS21834STRPBF Supplier                                            |
| IRS21834STRPBF Price                                           | IRS21834STRPBF Pictures                                  | IRS21834STRPBF Image                                               |
| IRS21834STRPBF PDF Datasheet                                   | IRS21834STRPBF Download Datasheet                        | IRS21834STRPBF Datasheet                                           |
| IRS21834STRPBF Stock                                           | Buy IRS21834STRPBF                                       | Buy International Rectifier (Infineon Technologies) IRS21834STRPBF |
| International Rectifier (Infineon Technologies) IRS21834STRPBF | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor        |
| International Rectifier (Infineon Technologies) IRS21834STRPBF | International Rectifier IRS21834STRPBF                   | Infineon Technologies IRS21834STRPBF                               |
| International Rectifier (Infineon Technologies) IRS21834STRPBF | IR (Infineon Technologies) IRS21834STRPBF                |                                                                    |

Related Products

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|  <div><b>IRS2183STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 8-SOIC<br/>In stock: 88647 pcs<br/><b>RFQ</b></div>     |  <div><b>IRS2183PBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 8-DIP<br/>In stock: 25937 pcs<br/><b>RFQ</b></div>         |
|  <div><b>IRS21834SPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 14-SOIC<br/>In stock: 30238 pcs<br/><b>RFQ</b></div>     |  <div><b>IRS21844MPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 16MLPQ<br/>In stock: 4341 pcs<br/><b>RFQ</b></div>       |
|  <div><b>IRS21834PBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HALF BRIDGE 14-DIP<br/>In stock: 38469 pcs<br/><b>RFQ</b></div>          |  <div><b>IRS2183SPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF BRIDGE 600V 8SOIC<br/>In stock: 40693 pcs<br/><b>RFQ</b></div>   |
|  <div><b>IRS2181STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC<br/>In stock: 34493 pcs<br/><b>RFQ</b></div> |  <div><b>IRS21814STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HIGH/LOW SIDE 14-SOIC<br/>In stock: 51002 pcs<br/><b>RFQ</b></div> |
|  <div><b>IRS21844MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 16MLPQ<br/>In stock: 103902 pcs<br/><b>RFQ</b></div>   |  <div><b>IRS2181PBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-DIP<br/>In stock: 54013 pcs<br/><b>RFQ</b></div>     |
|  <div><b>IRS2181SPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC<br/>In stock: 37313 pcs<br/><b>RFQ</b></div>   |  <div><b>IRS21844PBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HALF BRIDGE 14-DIP<br/>In stock: 29461 pcs<br/><b>RFQ</b></div>          |