



International Rectifier (Infineon Technologies)

Technologies)



IRS21956STRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRS21956STRPBF                                                                                               |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC DVR HI/LOW SIDE 600V 20SOIC                                                                               |
| Datasheets:         |  IRS21956STRPBF.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4210 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 IRS21956STRPBF

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | IRS21956STRPBF                                                                                         |
| MANUFACTURER                         | International Rectifier (Infineon Technologies)                                                        |
| DESCRIPTION                          | IC DVR HI/LOW SIDE 600V 20SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 4210 pcs                                                                                               |
| DATA SHEET                           |  IRS21956STRPBF.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                            |
| SUPPLIER DEVICE PACKAGE              | 20-SOIC                                                                                                |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 25ns, 15ns                                                                                             |
| PACKAGING                            | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                       | 20-SOIC (0.295", 7.50mm Width)                                                                         |
| OTHER NAMES                          | SP001546510                                                                                            |
| OPERATING TEMPERATURE                | -55°C ~ 150°C (TJ)                                                                                     |
| NUMBER OF DRIVERS                    | 2                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                          |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 3.5V                                                                                             |
| 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 20-SOIC                                                       |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 500mA, 500mA                                                                                           |
| CHANNEL TYPE                         | Independent                                                                                            |
| BASE PART NUMBER                     | IRS21956SPBF                                                                                           |

Related Tags

|                                                                |                                                          |                                                                    |
|----------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRS21956STRPBF | IRS21956STRPBF Distributor                               | IRS21956STRPBF Supplier                                            |
| IRS21956STRPBF Price                                           | IRS21956STRPBF Pictures                                  | IRS21956STRPBF Image                                               |
| IRS21956STRPBF PDF Datasheet                                   | IRS21956STRPBF Download Datasheet                        | IRS21956STRPBF Datasheet                                           |
| IRS21956STRPBF Stock                                           | Buy IRS21956STRPBF                                       | Buy International Rectifier (Infineon Technologies) IRS21956STRPBF |
| International Rectifier (Infineon Technologies) IRS21956STRPBF | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor        |
| International Rectifier (Infineon Technologies) IRS21956STRPBF | International Rectifier IRS21956STRPBF                   | Infineon Technologies IRS21956STRPBF                               |
| International Rectifier (Infineon Technologies) IRS21956STRPBF | IR (Infineon Technologies) IRS21956STRPBF                |                                                                    |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
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|  <div>IRS21953STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE DUAL 16SOIC<br/>In stock: 4839 pcs<br/>RFQ</div> |  <div>IRS21952STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE DUAL 16SOIC<br/>In stock: 5468 pcs<br/>RFQ</div>  |
|  <div>IRS21956SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI SIDE/DUAL LOW 20-SOIC<br/>In stock: 6806 pcs<br/>RFQ</div>    |  <div>IRS2186STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HI/LO SIDE 600V 8-SOIC<br/>In stock: 118290 pcs<br/>RFQ</div> |
|  <div>IRS21953SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HISIDE DUAL LOSIDE 16SOIC<br/>In stock: 6120 pcs<br/>RFQ</div>   |  <div>IRS2301SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI/LOW SIDE 600V 8-SOIC<br/>In stock: 51574 pcs<br/>RFQ</div>      |
|  <div>IRS2302SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 8SOIC<br/>In stock: 100641 pcs<br/>RFQ</div>       |  <div>IRS21952SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HISIDE DUAL LOSIDE 16SOIC<br/>In stock: 2946 pcs<br/>RFQ</div>    |
|  <div>IRS21962SPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI SIDE DUAL 600V 16-SOIC<br/>In stock: 6333 pcs<br/>RFQ</div>   |  <div>IRS2302STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER HALF-BRIDGE 8SOIC<br/>In stock: 138375 pcs<br/>RFQ</div>      |
|  <div>IRS2301STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI/LOW SIDE 600V 8SOIC<br/>In stock: 132712 pcs<br/>RFQ</div>   |  <div>IRS21962STRPBF<br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DVR HI SIDE DUAL 600V 16SOIC<br/>In stock: 4887 pcs<br/>RFQ</div>   |