



International Rectifier (Infineon Technologies)

Technologies)



IRS27951SPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRS27951SPBF                                                                                                 |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC REG CTRLR BUCK/HALF-BRG 8SOIC                                                                             |
| Datasheets:         |  IRS27951SPBF.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 42181 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of IRS27951SPBF

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IRS27951SPBF                                                                                                           |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                        |
| DESCRIPTION                      | IC REG CTRLR BUCK/HALF-BRG 8SOIC                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 42181 pcs                                                                                                              |
| DATA SHEET                       |  IRS27951SPBF.pdf                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 12 V ~ 18 V                                                                                                            |
| TOPOLOGY                         | Buck, Half-Bridge                                                                                                      |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                 |
| SERIES                           | -                                                                                                                      |
| SERIAL INTERFACES                | -                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                          |
| OUTPUT TYPE                      | Transistor Driver                                                                                                      |
| OUTPUT PHASES                    | 2                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                            |
| OTHER NAMES                      | SP001574126                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                     |
| NUMBER OF OUTPUTS                | 2                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| FUNCTION                         | Step-Down, Step-Up/Step-Down                                                                                           |
| FREQUENCY - SWITCHING            | Up to 500kHz                                                                                                           |
| DUTY CYCLE (MAX)                 | 50%                                                                                                                    |
| DETAILED DESCRIPTION             | Buck, Half-Bridge Regulator Positive, Isolation Capable Output Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-SOIC |
| CONTROL FEATURES                 | Enable, Frequency Control                                                                                              |
| CLOCK SYNC                       | No                                                                                                                     |
| BASE PART NUMBER                 | IRS27951SPBF                                                                                                           |

Related Tags

|                                                              |                                                          |                                                                  |
|--------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRS27951SPBF | IRS27951SPBF Distributor                                 | IRS27951SPBF Supplier                                            |
| IRS27951SPBF Price                                           | IRS27951SPBF Pictures                                    | IRS27951SPBF Image                                               |
| IRS27951SPBF PDF Datasheet                                   | IRS27951SPBF Download Datasheet                          | IRS27951SPBF Datasheet                                           |
| IRS27951SPBF Stock                                           | Buy IRS27951SPBF                                         | Buy International Rectifier (Infineon Technologies) IRS27951SPBF |
| International Rectifier (Infineon Technologies) IRS27951SPBF | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor      |
| International Rectifier (Infineon Technologies) IRS27951SPBF | International Rectifier IRS27951SPBF                     | Infineon Technologies IRS27951SPBF                               |
| International Rectifier (Infineon Technologies) IRS27951SPBF | IR (Infineon Technologies) IRS27951SPBF                  |                                                                  |

Related Products

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|  <div><b>IRS26302DJTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC GATE DRIVER 3PH BRIDGE 44PLCC<br/>In stock: 21604 pcs<br/><div>RFQ</div></div> |  <div><b>IRS26310DJTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER MOSFET/IGBT 44-PLCC<br/>In stock: 5245 pcs<br/><div>RFQ</div></div>  |
|  <div><b>IRS27951STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC<br/>In stock: 3459 pcs<br/><div>RFQ</div></div>   |  <div><b>IRS2807DSPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: HVIC<br/>In stock: 107768 pcs<br/><div>RFQ</div></div>                            |
|  <div><b>IRS26320C</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOSFET DRIVER<br/>In stock: 3108 pcs<br/><div>RFQ</div></div>                        |  <div><b>IRS279524SPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BCK/HALF-BRG 14SOIC<br/>In stock: 4837 pcs<br/><div>RFQ</div></div> |
|  <div><b>IRS279524STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BCK/HALF-BRG 14SOIC<br/>In stock: 3050 pcs<br/><div>RFQ</div></div>  |  <div><b>IRS27952SPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC<br/>In stock: 3240 pcs<br/><div>RFQ</div></div>  |
|  <div><b>IRS26310DJPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC DRIVER BRIDGE 3-PHASE 44-PLCC<br/>In stock: 7029 pcs<br/><div>RFQ</div></div>    |  <div><b>IRS26320JTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC GATE DRVR HALF-BRIDGE 44PLCC<br/>In stock: 5403 pcs<br/><div>RFQ</div></div> |
|  <div><b>IRS27952STRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/HALF-BRG 8SOIC<br/>In stock: 87290 pcs<br/><div>RFQ</div></div>  |  <div><b>IRS26320JPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC GATE DRVR HALF-BRIDGE 44PLCC<br/>In stock: 6437 pcs<br/><div>RFQ</div></div>   |

