

**IRS2509STRPBF Information**


For Reference Only

**Part Number** [IRS2509STRPBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Gate Drivers](#)  
**Description** IC MOSFET DRIVER  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**IRS2509STRPBF Specifications**

|                                      |  |
|--------------------------------------|--|
| Manufacturer Part Number             | <a href="#">IRS2509STRPBF</a>                                    |
| Manufacturer                         | Infineon Technologies  |
| Category                             | Integrated Circuits (ICs)<br><a href="#">PMIC - Gate Drivers</a> |
| Package                              | 8-SOIC (0.154", 3.90mm Width)                                    |
| Series                               | -  |
| Driven Configuration                 | Half-Bridge  |
| Channel Type                         | Synchronous  |
| Number of Drivers                    | 2  |
| Gate Type                            | IGBT, N-Channel MOSFET   |
| Voltage - Supply                     | 10 V ~ 20 V  |
| Logic Voltage - VIL, VIH             | 0.8V, 2.2V   |
| Current - Peak Output (Source, Sink) | 200mA, 350mA   |
| Input Type                           | Non-Inverting  |
| High Side Voltage - Max (Bootstrap)  | 600V   |
| Rise / Fall Time (Typ)               | 150ns, 50ns  |
| Operating Temperature                | -40°C ~ 150°C (TJ)   |
| Mounting Type                        | Surface Mount  |
| Package / Case                       | 8-SOIC (0.154", 3.90mm Width)                                    |
| Supplier Device Package              | 8-SOIC   |

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## IRS2509STRPBF Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## IRS2509STRPBF Payment Methods



## IRS2509STRPBF Shipping Methods



If you have any question about IRS2509STRPBF, please do not hesitate to contact us!

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