

**IRFH4251DTRPBF Information**


For Reference Only

**Part Number** [IRFH4251DTRPBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 25V 64A/188A PQFN  
**Package** 8-PowerVDFN  
 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.


**IRFH4251DTRPBF Specifications**

Manufacturer Part Number	<a href="#">IRFH4251DTRPBF</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-PowerVDFN
Series	FASTIRFET?
FET Type	2 N-Channel (Dual), Schottky
FET Feature	Logic Level Gate
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	64A, 188A
Rds On (Max) @ Id, Vgs	3.2 mOhm @ 30A, 10V
Vgs(th) (Max) @ Id	2.1V @ 35µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1314pF @ 13V
Power - Max	31W, 63W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-PowerVDFN
Supplier Device Package	PQFN (5x6)

[Report errors?](#)

## IRFH4251DTRPBF 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.

## IRFH4251DTRPBF Payment Methods



## IRFH4251DTRPBF Shipping Methods



If you have any question about IRFH4251DTRPBF, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)