

IRFH7182TRPBF Information


For Reference Only

Part Number [IRFH7182TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET NCH 100V 23A PQFN
Package 8-PowerTDFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


IRFH7182TRPBF Specifications

Manufacturer Part Number	IRFH7182TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	FASTIRFET?, HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	23A (Ta), 157A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.6V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	74nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3120pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	4W (Ta), 195W (Tc)
Rds On (Max) @ Id, Vgs	3.9 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (5x6)
Package / Case	8-PowerTDFN

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IRFH7182TRPBF 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.

IRFH7182TRPBF Payment Methods



IRFH7182TRPBF Shipping Methods



If you have any question about IRFH7182TRPBF, please do not hesitate to contact us!

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