IRFH8318TRPBF

IRFH8318TRPBF Information

For Reference Only

Part Number IRFH8318TRPBF
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 50A 5X6 PQFN
Package 8-PowerTDFN

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: 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.

IRFH8318TRPBF Specifications

Manufacturer Part Number	IRFH8318TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	27A (Ta), 120A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.35V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	41nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3180pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.6W (Ta), 59W (Tc)
Rds On (Max) @ Id, Vgs	3.1 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PQFN (5x6)
Package / Case	8-PowerTDFN
	Report errors?

IRFH8318TRPBF 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.

IRFH8318TRPBF Payment Methods

IRFH8318TRPBF Shipping Methods

If you have any question about IRFH8318TRPBF, please do not hesitate to contact us!
Website: https://www.heisener.com
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