IRFH3707TRPBF Information

For Reference Only

Part Number	IRFH3707TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 12A PQFN56
Package	8-PowerVDFN

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.

IRFH3707TRPBF Specifications

Manufacturer Part Number	IRFH3707TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	12A (Ta), 29A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.35V @ 25μA
Gate Charge (Qg) (Max) @ Vgs	8.1nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	755pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta)
Rds On (Max) @ Id, Vgs	12.4 mOhm @ 12A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (3x3)
Package / Case	8-PowerVDFN

Report errors?

IRFH3707TRPBF 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.

IRFH3707TRPBF Payment Methods

IRFH3707TRPBF Shipping Methods

If you have any question about IRFH3707TRPBF, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com