IRF6609TRPBF Information

Part Number	IRF6609TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 20V 31A DIRECTFET
Package	DirectFET? Isometric MT
	For the pricing/inventory/lead time, please contact us
	Website: https://www.heisener.com
	E-mail: salesdept@heisener.com

For Reference Only

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.

IRF6609TRPBF Specifications

Manufacturer Part Number	IRF6609TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric MT
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	31A (Ta), 150A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.45V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	69nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	6290pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.8W (Ta), 89W (Tc)
Rds On (Max) @ Id, Vgs	2 mOhm @ 31A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MT
Package / Case	DirectFET? Isometric MT
	Report errors?

IRF6609TRPBF 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.

IRF6609TRPBF Payment Methods

IRF6609TRPBF Shipping Methods

If you have any question about IRF6609TRPBF, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com