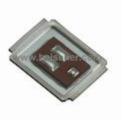


IRF8306MTR1PBF

IRF8306MTR1PBF Information



For Reference Only

Part Number IRF8306MTR1PBF **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 23A DIRECTFET

Package DirectFET? Isometric MX

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.









IRF8306MTR1PBF Specifications

Manufacturer Part Number	IRF8306MTR1PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric MX
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	23A (Ta), 140A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.35V @ 100μA
Gate Charge (Qg) (Max) @ Vgs	38nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4110pF @ 15V
Vgs (Max)	±20V
FET Feature	Schottky Diode (Body)
Power Dissipation (Max)	2.1W (Ta), 75W (Tc)
Rds On (Max) @ Id, Vgs	2.5 mOhm @ 23A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MX
Package / Case	DirectFET? Isometric MX
	Report errors?

IRF8306MTR1PBF 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.

IRF8306MTR1PBF Payment Methods



















IRF8306MTR1PBF Shipping Methods













If you have any question about IRF8306MTR1PBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com