



IRF7171MTRPBF Information



For Reference Only

Part Number IRF7171MTRPBF Manufacturer Infineon Technologies

Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single

MOSFET N-CH 100V 15A

Description Package DirectFET? Isometric MN

For the pricing/inventory/lead time, please contact

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.









IRF7171MTRPBF Specifications

Manufacturer Part Number	IRF7171MTRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric MN
Series	FASTIRFET?, HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	15A (Ta), 93A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.6V @ 150μA
Gate Charge (Qg) (Max) @ Vgs	54nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2160pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 104W (Tc)
Rds On (Max) @ Id, Vgs	6.5 mOhm @ 56A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MN
Package / Case	DirectFET? Isometric MN
	Report errors?

IRF7171MTRPBF 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.

IRF7171MTRPBF Payment Methods



















IRF7171MTRPBF Shipping Methods













If you have any question about IRF7171MTRPBF, please do not hesitate to contact us!

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