

IRF8304MTR1PBF Information


For Reference Only

Part Number [IRF8304MTR1PBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 28A MX
Package DirectFET? Isometric MX
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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IRF8304MTR1PBF Specifications

Manufacturer Part Number	IRF8304MTR1PBF
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	28A (Ta), 170A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.35V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	42nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4700pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 100W (Tc)
Rds On (Max) @ Id, Vgs	2.2 mOhm @ 28A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MX
Package / Case	DirectFET? Isometric MX

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