

IRF6644

IRF6644 Information



Part Number	IRF6644	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 100V DIRECTFET-MN	
Package	DirectFET? Isometric MN	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

Certified Quality

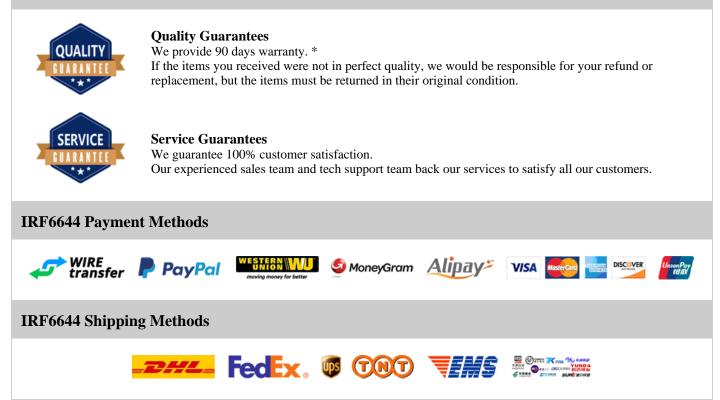
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IRF6644 Specifications

Manufacturer Part Number	IRF6644
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric MN
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	10.3A (Ta), 60A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.8V @ 150µA
Gate Charge (Qg) (Max) @ Vgs	47nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2210pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 89W (Tc)
Rds On (Max) @ Id, Vgs	13 mOhm @ 10.3A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MN
Package / Case	DirectFET? Isometric MN
	Report errors?

IRF6644 Guarantees



If you have any question about IRF6644, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com