

# **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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## **Certified Quality**

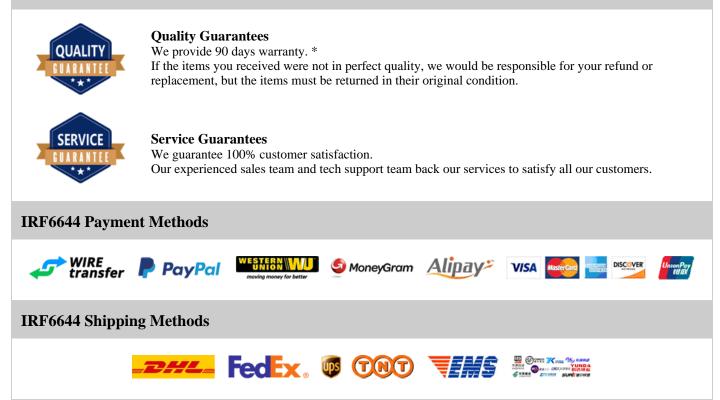
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **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