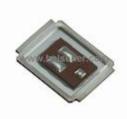


# IRF6635

#### **IRF6635 Information**



Part Number	IRF6635
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 32A 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

For Reference Only

## **Certified Quality**

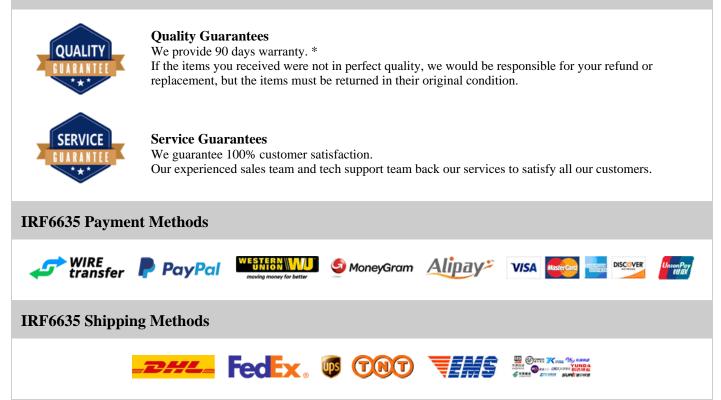
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **IRF6635 Specifications**

Manufacturer Part Number	IRF6635
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	32A (Ta), 180A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.35V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	71nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	5970pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 89W (Tc)
Rds On (Max) @ Id, Vgs	1.8 mOhm @ 32A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MX
Package / Case	DirectFET? Isometric MX
	Report errors?

#### **IRF6635** Guarantees



If you have any question about IRF6635, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com