

IRF6636

IRF6636 Information



Part Number	IRF6636	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 20V 18A DIRECTFET	
Package	DirectFET? Isometric ST	
	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

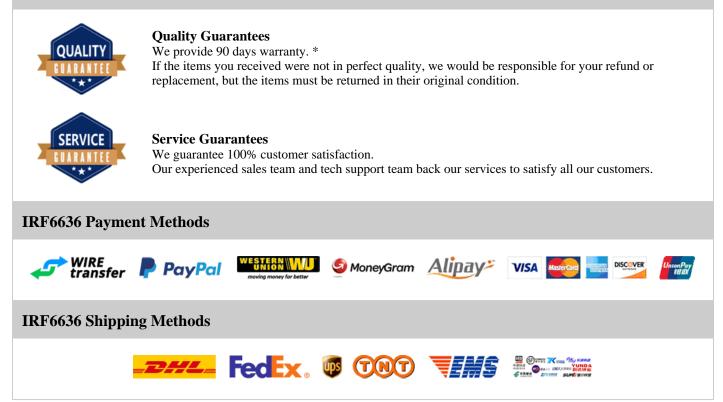
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IRF6636 Specifications

Manufacturer Part Number	IRF6636
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric ST
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 81A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.45V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	27nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2420pF @ 10V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	2.2W (Ta), 42W (Tc)
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 18A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? ST
Package / Case	DirectFET? Isometric ST
	Report errors?

IRF6636 Guarantees



If you have any question about IRF6636, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com