

IRF7451

IRF7451 Information



For Reference Only

Part Number	IRF7451	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 150V 3.6A 8-SOIC	
Package	8-SOIC (0.154", 3.90mm Width)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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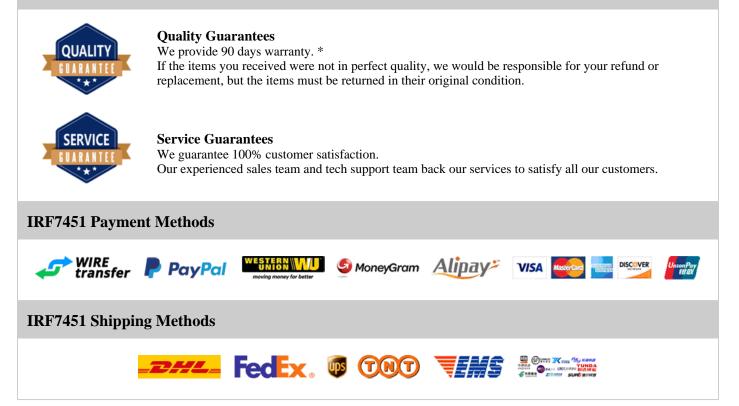
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IRF7451 Specifications

Manufacturer Part Number	IRF7451
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-SOIC (0.154", 3.90mm Width)
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	150V
Current - Continuous Drain (Id) @ 25°C	3.6A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	41nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	990pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta)
Rds On (Max) @ Id, Vgs	90 mOhm @ 2.2A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)
	Report errors?

IRF7451 Guarantees



If you have any question about IRF7451, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com