

IRL530

IRL530 Information



Part Number	IRL530
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 100V 15A TO-220AB
Package	TO-220-3
	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

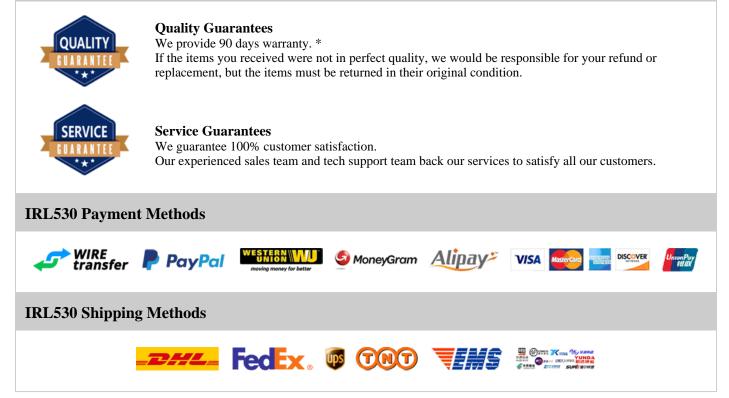
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IRL530 Specifications

Manufacturer Part Number	IRL530
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	ТО-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	15A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4V, 5V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	28nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	930pF @ 25V
Vgs (Max)	$\pm 10 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	88W (Tc)
Rds On (Max) @ Id, Vgs	160 mOhm @ 9A, 5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	ТО-220-3
	Report errors?

IRL530 Guarantees



If you have any question about IRL530, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com