

## **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**

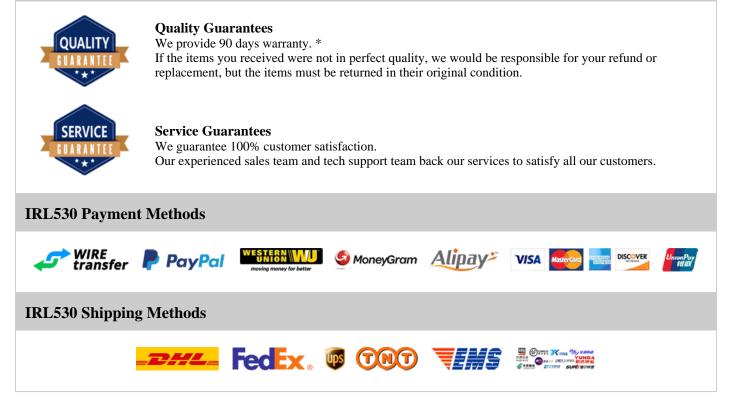
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



#### **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