

IRLI520G Information


For Reference Only

Part Number [IRLI520G](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 7.2A TO220FP
Package TO-220-3 Full Pack, Isolated Tab
 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.


IRLI520G Specifications

Manufacturer Part Number	IRLI520G
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack, Isolated Tab
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	100V
Current - Continuous Drain (I _d) @ 25°C	7.2A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4V, 5V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	12nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	490pF @ 25V
V _{gs} (Max)	±10V
FET Feature	-
Power Dissipation (Max)	37W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	270 mOhm @ 4.3A, 5V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220-3
Package / Case	TO-220-3 Full Pack, Isolated Tab

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IRLI520G Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IRLI520G Payment Methods



IRLI520G Shipping Methods



If you have any question about IRLI520G, please do not hesitate to contact us!

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