

IRL510 Information


For Reference Only

Part Number [IRL510](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 5.6A 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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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.


IRL510 Specifications

Manufacturer Part Number	IRL510
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	5.6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4V, 5V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	6.1nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	250pF @ 25V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	43W (Tc)
Rds On (Max) @ Id, Vgs	540 mOhm @ 3.4A, 5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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IRL510 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.

IRL510 Payment Methods



IRL510 Shipping Methods



If you have any question about IRL510, please do not hesitate to contact us!

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