

IRCZ44PBF Information


For Reference Only

Part Number [IRCZ44PBF](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 50A TO-220-5
Package TO-220-5
 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.


IRCZ44PBF Specifications

Manufacturer Part Number	IRCZ44PBF
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-5
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	60V
Current - Continuous Drain (I _d) @ 25°C	50A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	95nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2500pF @ 25V
V _{gs} (Max)	±20V
FET Feature	Current Sensing
Power Dissipation (Max)	150W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	28 mOhm @ 31A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220-5
Package / Case	TO-220-5

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IRCZ44PBF 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.

IRCZ44PBF Payment Methods



IRCZ44PBF Shipping Methods



If you have any question about IRCZ44PBF, please do not hesitate to contact us!

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