

IRFI530NPBF Information


For Reference Only

Part Number [IRFI530NPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 12A TO220FP
Package TO-220-3 Full Pack
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


IRFI530NPBF Specifications

Manufacturer Part Number	IRFI530NPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	100V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	44nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	640pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	41W (Tc)
Rds On (Max) @ Id, Vgs	110 mOhm @ 6.6A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB Full-Pak
Package / Case	TO-220-3 Full Pack

[Report errors?](#)

IRFI530NPBF 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.

IRFI530NPBF Payment Methods



IRFI530NPBF Shipping Methods



If you have any question about IRFI530NPBF, please do not hesitate to contact us!

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