

IRLU3802PBF Information


For Reference Only

Part Number [IRLU3802PBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 12V 84A I-PAK
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


IRLU3802PBF Specifications

Manufacturer Part Number	IRLU3802PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	12V
Current - Continuous Drain (Id) @ 25°C	84A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.8V, 4.5V
Vgs(th) (Max) @ Id	1.9V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	41nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	2490pF @ 6V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	88W (Tc)
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 15A, 4.5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA

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IRLU3802PBF 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.

IRLU3802PBF Payment Methods



IRLU3802PBF Shipping Methods



If you have any question about IRLU3802PBF, please do not hesitate to contact us!

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