

IRLB3813PBF Information


For Reference Only

Part Number [IRLB3813PBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 260A 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


[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.


IRLB3813PBF Specifications

Manufacturer Part Number	IRLB3813PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	30V
Current - Continuous Drain (I _d) @ 25°C	260A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs(th)} (Max) @ I _d	2.35V @ 150μA
Gate Charge (Q _g) (Max) @ V _{gs}	86nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	8420pF @ 15V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	230W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	1.95 mOhm @ 60A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

IRLB3813PBF 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.

IRLB3813PBF Payment Methods



IRLB3813PBF Shipping Methods



If you have any question about IRLB3813PBF, please do not hesitate to contact us!

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