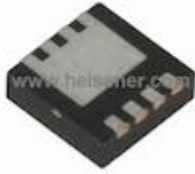


IRLHM630TRPBF Information


For Reference Only

Part Number [IRLHM630TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 21A PQFN
Package 8-VQFN Exposed Pad
 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.


IRLHM630TRPBF Specifications

Manufacturer Part Number	IRLHM630TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-VQFN Exposed Pad
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	21A (Ta), 40A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V
Vgs(th) (Max) @ Id	1.1V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	62nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	3170pF @ 25V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	2.7W (Ta), 37W (Tc)
Rds On (Max) @ Id, Vgs	3.5 mOhm @ 20A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PQFN (3x3)
Package / Case	8-VQFN Exposed Pad

[Report errors?](#)

IRLHM630TRPBF 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.

IRLHM630TRPBF Payment Methods



IRLHM630TRPBF Shipping Methods



If you have any question about IRLHM630TRPBF, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com