

IRLHS6242TRPBF Information


For Reference Only

Part Number [IRLHS6242TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 10A PQFN
Package 6-PowerVDFN
 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.


IRLHS6242TRPBF Specifications

Manufacturer Part Number	IRLHS6242TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-PowerVDFN
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	10A (Ta), 12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1.1V @ 10µA
Gate Charge (Qg) (Max) @ Vgs	14nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1110pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	1.98W (Ta), 9.6W (Tc)
Rds On (Max) @ Id, Vgs	11.7 mOhm @ 8.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-PQFN (2x2)
Package / Case	6-PowerVDFN

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IRLHS6242TRPBF 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.

IRLHS6242TRPBF Payment Methods



IRLHS6242TRPBF Shipping Methods



If you have any question about IRLHS6242TRPBF, please do not hesitate to contact us!

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