

IRLML6246TRPBF Information


For Reference Only

Part Number [IRLML6246TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 4.1A SOT-23
Package TO-236-3, SC-59, SOT-23-3
 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.


IRLML6246TRPBF Specifications

Manufacturer Part Number	IRLML6246TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	20V
Current - Continuous Drain (I _d) @ 25°C	4.1A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	2.5V, 4.5V
V _{gs} (th) (Max) @ I _d	1.1V @ 5μA
Gate Charge (Q _g) (Max) @ V _{gs}	3.5nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	290pF @ 16V
V _{gs} (Max)	±12V
FET Feature	-
Power Dissipation (Max)	1.3W (Ta)
R _{ds} On (Max) @ I _d , V _{gs}	46 mOhm @ 4.1A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Micro3?/SOT-23
Package / Case	TO-236-3, SC-59, SOT-23-3

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IRLML6246TRPBF 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.

IRLML6246TRPBF Payment Methods



IRLML6246TRPBF Shipping Methods



If you have any question about IRLML6246TRPBF, please do not hesitate to contact us!

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