

IRF7738L2TRPBF Information


For Reference Only

Part Number [IRF7738L2TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 35A DIRECTFET
Package DirectFET? Isometric L6
 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.


IRF7738L2TRPBF Specifications

Manufacturer Part Number	IRF7738L2TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric L6
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	40V
Current - Continuous Drain (I _d) @ 25°C	35A (Ta), 184A (Tc)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	194nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	7471pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.3W (Ta), 94W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	1.6 mOhm @ 109A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET L6
Package / Case	DirectFET? Isometric L6

[Report errors?](#)

IRF7738L2TRPBF 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.

IRF7738L2TRPBF Payment Methods



IRF7738L2TRPBF Shipping Methods



If you have any question about IRF7738L2TRPBF, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com