

IRF7809TR Information


For Reference Only

Part Number [IRF7809TR](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 17.6A 8-SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 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.


IRF7809TR Specifications

Manufacturer Part Number	IRF7809TR
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-SOIC (0.154", 3.90mm Width)
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	30V
Current - Continuous Drain (I _d) @ 25°C	17.6A (T _a)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V
V _{gs} (th) (Max) @ I _d	1V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	86nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	7300pF @ 16V
V _{gs} (Max)	±12V
FET Feature	-
Power Dissipation (Max)	3.5W (T _a)
R _{ds} On (Max) @ I _d , V _{gs}	7.5 mOhm @ 15A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)

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IRF7809TR 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.

IRF7809TR Payment Methods



IRF7809TR Shipping Methods



If you have any question about IRF7809TR, please do not hesitate to contact us!

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