

**IRF7701TR Information**


For Reference Only

**Part Number** [IRF7701TR](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 12V 10A 8-TSSOP  
**Package** 8-TSSOP (0.173", 4.40mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**IRF7701TR Specifications**

Manufacturer Part Number	<a href="#">IRF7701TR</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	8-TSSOP (0.173", 4.40mm Width)
Series	HEXFET?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>ds</sub> )	12V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	10A (T <sub>c</sub> )
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	1.8V, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1.2V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	100nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	5050pF @ 10V
V <sub>gs</sub> (Max)	±8V
FET Feature	-
Power Dissipation (Max)	1.5W (T <sub>a</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	11 mOhm @ 10A, 4.5V
Operating Temperature	-55°C ~ 150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	8-TSSOP
Package / Case	8-TSSOP (0.173", 4.40mm Width)

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## IRF7701TR 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.

## IRF7701TR Payment Methods



## IRF7701TR Shipping Methods



If you have any question about IRF7701TR, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)