



# **IRLR2705TRL Information**



For Reference Only

Part Number IRLR2705TRL

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

For the pricing/inventory/lead time, please contact

**Description** MOSFET N-CH 55V 28A DPAK

**Package** TO-252-3, DPak (2 Leads + Tab), SC-63

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.









## **IRLR2705TRL Specifications**

Manufacturer Part Number	IRLR2705TRL
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	28A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	2V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	25nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	880pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	68W (Tc)
Rds On (Max) @ Id, Vgs	40 mOhm @ 17A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D-Pak
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

### **IRLR2705TRL 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.

### **IRLR2705TRL Payment Methods**



















### **IRLR2705TRL Shipping Methods**













If you have any question about IRLR2705TRL, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com