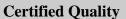


# AUIRFS3004TRL

Request a Quote

### **AUIRFS3004TRL Information**

Part Number	AUIRFS3004TRL	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 40V 340A D2PAK	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



For Reference Only

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.



## **AUIRFS3004TRL Specifications**

Manufacturer Part Number	AUIRFS3004TRL
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)	40V
Current - Continuous Drain (Id) @ 25°C	195A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	240nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	9200pF @ 25V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	380W (Tc)
Rds On (Max) @ Id, Vgs	1.75 mOhm @ 195A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D-PAK (TO-252AA)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### **AUIRFS3004TRL 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.

## **AUIRFS3004TRL Payment Methods**





If you have any question about AUIRFS3004TRL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com