

# **AUIRFSA8409-7TRL**

## **AUIRFSA8409-7TRL Information**



For Reference Only

**Part Number** AUIRFSA8409-7TRL **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET NCH 40V 523A D2PAK **Package** TO-263-7, D2Pak (6 Leads + Tab)

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.









### **AUIRFSA8409-7TRL Specifications**

Manufacturer Part Number	AUIRFSA8409-7TRL
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-7, D2Pak (6 Leads + Tab)
Series	Automotive, AEC-Q101, HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	523A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.9V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	460nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	13975pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	375W (Tc)
Rds On (Max) @ Id, Vgs	0.69 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK (7-Lead)
Package / Case	TO-263-7, D2Pak (6 Leads + Tab)
	Report errors?

### **AUIRFSA8409-7TRL 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.

### **AUIRFSA8409-7TRL Payment Methods**



















## **AUIRFSA8409-7TRL Shipping Methods**













If you have any question about AUIRFSA8409-7TRL, please do not hesitate to contact us!

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