

AUIRFS8409-7TRL Information


For Reference Only

Part Number [AUIRFS8409-7TRL](#)
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.


AUIRFS8409-7TRL Specifications

Manufacturer Part Number	AUIRFS8409-7TRL
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?](#)

AUIRFS8409-7TRL 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.

AUIRFS8409-7TRL Payment Methods



AUIRFS8409-7TRL Shipping Methods



If you have any question about AUIRFS8409-7TRL, please do not hesitate to contact us!

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