

AUIRF7647S2TR Information


For Reference Only

Part Number [AUIRF7647S2TR](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 5.9A DIRECTFET
Package DirectFET? Isometric SC
 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.


AUIRF7647S2TR Specifications

Manufacturer Part Number	AUIRF7647S2TR
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric SC
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	5.9A (Ta), 24A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	21nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	910pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 41W (Tc)
Rds On (Max) @ Id, Vgs	31 mOhm @ 14A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? SC
Package / Case	DirectFET? Isometric SC

[Report errors?](#)

AUIRF7647S2TR 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.

AUIRF7647S2TR Payment Methods



AUIRF7647S2TR Shipping Methods



If you have any question about AUIRF7647S2TR, please do not hesitate to contact us!

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