

RTQ045N03TR Information


For Reference Only

Part Number [RTQ045N03TR](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 4.5A TSMT6
Package SOT-23-6 Thin, TSOT-23-6
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


RTQ045N03TR Specifications

Manufacturer Part Number	RTQ045N03TR
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	4.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	10.7nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	540pF @ 10V
Vgs (Max)	12V
FET Feature	-
Power Dissipation (Max)	1.25W (Ta)
Rds On (Max) @ Id, Vgs	43 mOhm @ 4.5A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TSMT6 (SC-95)
Package / Case	SOT-23-6 Thin, TSOT-23-6

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RTQ045N03TR 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.

RTQ045N03TR Payment Methods



RTQ045N03TR Shipping Methods



If you have any question about RTQ045N03TR, please do not hesitate to contact us!

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