

RT1A045APTCR Information


For Reference Only

Part Number [RT1A045APTCR](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 12V 4.5A TSST8
Package 8-SMD, Flat Lead
 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.


RT1A045APTCR Specifications

Manufacturer Part Number	RT1A045APTCR
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-SMD, Flat Lead
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	12V
Current - Continuous Drain (Id) @ 25°C	4.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Vgs(th) (Max) @ Id	1V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	40nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4200pF @ 6V
Vgs (Max)	-8V
FET Feature	-
Power Dissipation (Max)	650mW (Ta)
Rds On (Max) @ Id, Vgs	30 mOhm @ 4.5A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-TSST
Package / Case	8-SMD, Flat Lead

[Report errors?](#)

RT1A045APTCR 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.

RT1A045APTCR Payment Methods



RT1A045APTCR Shipping Methods



If you have any question about RT1A045APTCR, please do not hesitate to contact us!

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