

**RT1A050ZPTR Information**


For Reference Only

**Part Number** [RT1A050ZPTR](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 12V 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](mailto: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.


**RT1A050ZPTR Specifications**

Manufacturer Part Number	<a href="#">RT1A050ZPTR</a>
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
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	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	34nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2800pF @ 6V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	600mW (Ta)
Rds On (Max) @ Id, Vgs	26 mOhm @ 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?](#)

## RT1A050ZPTR 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.

## RT1A050ZPTR Payment Methods



## RT1A050ZPTR Shipping Methods



If you have any question about RT1A050ZPTR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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