

## QS8K21TR Information



For Reference Only

**Part Number** [QS8K21TR](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 45V 4A TSMT8  
**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.



## QS8K21TR Specifications

Manufacturer Part Number	<a href="#">QS8K21TR</a>
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-SMD, Flat Lead
Series	-
FET Type	2 N-Channel (Dual)
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>dss</sub> )	45V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	4A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	53 mOhm @ 4A, 10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	2.5V @ 1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	5.4nC @ 5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	460pF @ 10V
Power - Max	550mW
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SMD, Flat Lead
Supplier Device Package	TSMT8

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## QS8K21TR 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.

## QS8K21TR Payment Methods



## QS8K21TR Shipping Methods



If you have any question about QS8K21TR, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)