

## QS5U16TR Information



For Reference Only

**Part Number** [QS5U16TR](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 30V 2A TSMT5  
**Package** SOT-23-5 Thin, TSOT-23-5  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.



## QS5U16TR Specifications

Manufacturer Part Number	<a href="#">QS5U16TR</a>
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	SOT-23-5 Thin, TSOT-23-5
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	2A (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	3.9nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	175pF @ 10V
Vgs (Max)	±12V
FET Feature	Schottky Diode (Isolated)
Power Dissipation (Max)	900mW (Ta)
Rds On (Max) @ Id, Vgs	100 mOhm @ 2A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TSMT5
Package / Case	SOT-23-5 Thin, TSOT-23-5

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## QS5U16TR 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.

## QS5U16TR Payment Methods



## QS5U16TR Shipping Methods



If you have any question about QS5U16TR, please do not hesitate to contact us!

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

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