

## QS5U21TR Information



For Reference Only

**Part Number** [QS5U21TR](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 20V 1.5A 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)



[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.



## QS5U21TR Specifications

Manufacturer Part Number	<a href="#">QS5U21TR</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	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	1.5A (T <sub>a</sub> )
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	2.5V, 4.5V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	2V @ 1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	4.2nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	325pF @ 10V
V <sub>gs</sub> (Max)	±12V
FET Feature	Schottky Diode (Isolated)
Power Dissipation (Max)	1.25W (T <sub>a</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	200 mOhm @ 1.5A, 4.5V
Operating Temperature	150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	TSMT5
Package / Case	SOT-23-5 Thin, TSOT-23-5

[Report errors?](#)

## QS5U21TR 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.

## QS5U21TR Payment Methods



## QS5U21TR Shipping Methods



If you have any question about QS5U21TR, please do not hesitate to contact us!

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

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