

**TSM500P02DCQ RFG Information**


For Reference Only

**Part Number** [TSM500P02DCQ RFG](#)  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET, DUAL, P-CHANNEL, -20V, -  
**Package** 6-VDFN Exposed Pad  
 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.


**TSM500P02DCQ RFG Specifications**

Manufacturer Part Number	<a href="#">TSM500P02DCQ RFG</a>
Manufacturer	TSC America Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	6-VDFN Exposed Pad
Series	-
FET Type	2 P-Channel (Dual)
FET Feature	Standard
Drain to Source Voltage (V <sub>ds</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	4.7A (T <sub>c</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	50 mOhm @ 3A, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	800mV @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	9.6nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1230pF @ 10V
Power - Max	620mW
Operating Temperature	-50°C ~ 150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Package / Case	6-VDFN Exposed Pad
Supplier Device Package	6-TDFN (2x2)

[Report errors?](#)

## TSM500P02DCQ RFG 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.

## TSM500P02DCQ RFG Payment Methods



## TSM500P02DCQ RFG Shipping Methods



If you have any question about TSM500P02DCQ RFG, please do not hesitate to contact us!

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

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