

**TSM2N7000KCT B0G Information**


For Reference Only

**Part Number** [TSM2N7000KCT B0G](#)  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET, SINGLE, N-CHANNEL, TRENCH  
**Package** TO-226-3, TO-92-3 (TO-226AA)  
 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.


**TSM2N7000KCT B0G Specifications**

|  |   |
|--|---|
| Manufacturer Part Number   | <a href="#">TSM2N7000KCT B0G</a>  |
| Manufacturer   | TSC America Inc.  |
| Category   | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Single</a> |
| Package  | TO-226-3, TO-92-3 (TO-226AA)  |
| Series   | -   |
| FET Type   | N-Channel   |
| Technology   | MOSFET (Metal Oxide)  |
| Drain to Source Voltage (V <sub>dss</sub> )                      | 60V   |
| Current - Continuous Drain (I <sub>d</sub> ) @ 25°C              | 300mA (Ta)  |
| Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> ) | 5V, 10V   |
| V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>                       | 2.5V @ 250μA  |
| Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>            | 0.4nC @ 4.5V  |
| Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>    | 7.32pF @ 25V  |
| V <sub>gs</sub> (Max)  | ±20V  |
| FET Feature  | -   |
| Power Dissipation (Max)  | 400mW (Ta)  |
| R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>      | 5 Ohm @ 100mA, 10V  |
| Operating Temperature  | -55°C ~ 150°C (TJ)  |
| Mounting Type  | Through Hole  |
| Supplier Device Package  | TO-92   |
| Package / Case   | TO-226-3, TO-92-3 (TO-226AA)  |

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## TSM2N7000KCT B0G 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.

## TSM2N7000KCT B0G Payment Methods



## TSM2N7000KCT B0G Shipping Methods



If you have any question about TSM2N7000KCT B0G, please do not hesitate to contact us!

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