

**VS-12CTQ045S-M3 Information**


For Reference Only

**Part Number** [VS-12CTQ045S-M3](#)  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Arrays](#)  
**Description** DIODE SCHOTTKY 45V 6A D2PAK  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 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.


**VS-12CTQ045S-M3 Specifications**

|  |   |
|--|---|
| Manufacturer Part Number                     | <a href="#">VS-12CTQ045S-M3</a>   |
| Manufacturer                                 | Vishay Semiconductor Diodes Division  |
| Category                                     | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Arrays</a> |
| Package                                      | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                                       |
| Series                                       | -   |
| Diode Configuration                          | 1 Pair Common Cathode   |
| Diode Type                                   | Schottky  |
| Voltage - DC Reverse (Vr) (Max)              | 45V   |
| Current - Average Rectified (Io) (per Diode) | 6A  |
| Voltage - Forward (Vf) (Max) @ If            | 600mV @ 6A  |
| Speed  | Fast Recovery =< 500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)                  | -   |
| Current - Reverse Leakage @ Vr               | 800µA @ 45V   |
| Operating Temperature - Junction             | -55°C ~ 175°C   |
| Mounting Type                                | Surface Mount   |
| Package / Case                               | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                                       |
| Supplier Device Package                      | D2PAK   |

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## VS-12CTQ045S-M3 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.

## VS-12CTQ045S-M3 Payment Methods



## VS-12CTQ045S-M3 Shipping Methods



If you have any question about VS-12CTQ045S-M3, please do not hesitate to contact us!

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

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