

**STPS16045TV Information**


For Reference Only

**Part Number** [STPS16045TV](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Arrays](#)  
**Description** DIODE MODULE 45V 80A ISOTOP  
**Package** ISOTOP  
 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.


**STPS16045TV Specifications**

|  |   |
|--|---|
| Manufacturer Part Number                     | <a href="#">STPS16045TV</a>   |
| Manufacturer                                 | STMicroelectronics  |
| Category                                     | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Arrays</a> |
| Package                                      | ISOTOP  |
| Series                                       | -   |
| Diode Configuration                          | 2 Independent   |
| Diode Type                                   | Schottky  |
| Voltage - DC Reverse (Vr) (Max)              | 45V   |
| Current - Average Rectified (Io) (per Diode) | 80A   |
| Voltage - Forward (Vf) (Max) @ If            | 690mV @ 80A   |
| Speed  | Fast Recovery =< 500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)                  | -   |
| Current - Reverse Leakage @ Vr               | 1mA @ 45V   |
| Operating Temperature - Junction             | 150°C (Max)   |
| Mounting Type                                | Chassis Mount   |
| Package / Case                               | ISOTOP  |
| Supplier Device Package                      | ISOTOP?   |

[Report errors?](#)

## STPS16045TV 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.

## STPS16045TV Payment Methods



## STPS16045TV Shipping Methods



If you have any question about STPS16045TV, please do not hesitate to contact us!

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