

**SM6T12A Information**


For Reference Only

**Part Number** [SM6T12A](#)  
**Manufacturer** STMicroelectronics  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 10.2VWM 21.7VC SMB  
**Package** DO-214AA, SMB  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**SM6T12A Specifications**

|                                  |                                |
|----------------------------------|--------------------------------|
| Manufacturer Part Number         | <a href="#">SM6T12A</a>        |
| Manufacturer                     | STMicroelectronics             |
| Category                         | Circuit Protection             |
|                                  | <a href="#">TVS - Diodes</a>   |
| Package                          | DO-214AA, SMB                  |
| Series                           | SM6T, TRANSIL?                 |
| Type                             | Zener                          |
| Unidirectional Channels          | 1                              |
| Bidirectional Channels           | -                              |
| Voltage - Reverse Standoff (Typ) | 10.2V                          |
| Voltage - Breakdown (Min)        | 11.4V                          |
| Voltage - Clamping (Max) @ Ipp   | 21.7V                          |
| Current - Peak Pulse (10/1000µs) | 184A (8/20µs)                  |
| Power - Peak Pulse               | 600W                           |
| Power Line Protection            | No                             |
| Applications                     | General Purpose                |
| Capacitance @ Frequency          | -                              |
| Operating Temperature            | -55°C ~ 150°C (TJ)             |
| Mounting Type                    | Surface Mount                  |
| Package / Case                   | DO-214AA, SMB                  |
| Supplier Device Package          | SMB (DO-214AA)                 |
|                                  | <a href="#">Report errors?</a> |

## SM6T12A 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.

## SM6T12A Payment Methods



## SM6T12A Shipping Methods



If you have any question about SM6T12A, please do not hesitate to contact us!

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

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