

**1SMB5946HR5G Information**


For Reference Only

**Part Number** [1SMB5946HR5G](#)  
**Manufacturer** Taiwan Semiconductor Corporation  
**Category** Discrete Semiconductor Products  
[Diodes - Zener - Single](#)  
**Description** DIODE, ZENER, 75V, 3000MW, 5%, A  
**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)


[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.


**1SMB5946HR5G Specifications**

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Manufacturer Part Number          | <a href="#">1SMB5946HR5G</a>            |
| Manufacturer                      | Taiwan Semiconductor Corporation        |
| Category                          | Discrete Semiconductor Products         |
|                                   | <a href="#">Diodes - Zener - Single</a> |
| Package                           | DO-214AA, SMB                           |
| Series                            | Automotive, AEC-Q101                    |
| Voltage - Zener (Nom) (Vz)        | 75V                                     |
| Tolerance                         | ±5%                                     |
| Power - Max                       | 3W                                      |
| Impedance (Max) (Zzt)             | 140 Ohms                                |
| Current - Reverse Leakage @ Vr    | 1µA @ 56V                               |
| Voltage - Forward (Vf) (Max) @ If | -                                       |
| Operating Temperature             | -55°C ~ 150°C (TJ)                      |
| Mounting Type                     | Surface Mount                           |
| Package / Case                    | DO-214AA, SMB                           |
| Supplier Device Package           | DO-214AA (SMB)                          |
| <a href="#">Report errors?</a>    |                                         |

## 1SMB5946HR5G 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.

## 1SMB5946HR5G Payment Methods



## 1SMB5946HR5G Shipping Methods



If you have any question about 1SMB5946HR5G, please do not hesitate to contact us!

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

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