

**1SMB5945HM4G Information**


For Reference Only

**Part Number** [1SMB5945HM4G](#)  
**Manufacturer** Taiwan Semiconductor Corporation  
**Category** Discrete Semiconductor Products  
               [Diodes - Zener - Single](#)  
**Description** DIODE, ZENER, 68V, 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.


**1SMB5945HM4G Specifications**

|                                   |   |
|-----------------------------------|---|
| Manufacturer Part Number          | <a href="#">1SMB5945HM4G</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)        | 68V                                     |
| Tolerance                         | ±5%                                     |
| Power - Max                       | 3W                                      |
| Impedance (Max) (Zzt)             | 120 Ohms                                |
| Current - Reverse Leakage @ Vr    | 1µA @ 51.7V                             |
| 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>    |   |

## 1SMB5945HM4G 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.

## 1SMB5945HM4G Payment Methods



## 1SMB5945HM4G Shipping Methods



If you have any question about 1SMB5945HM4G, please do not hesitate to contact us!

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

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