

**ESDA18-1K Information**


For Reference Only

**Part Number** [ESDA18-1K](#)  
**Manufacturer** STMicroelectronics  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 15VWM 34VC SOD523  
**Package** SC-79, SOD-523  
 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.


**ESDA18-1K Specifications**

|                                  |                              |
|----------------------------------|------------------------------|
| Manufacturer Part Number         | <a href="#">ESDA18-1K</a>    |
| Manufacturer                     | STMicroelectronics           |
| Category                         | Circuit Protection           |
|                                  | <a href="#">TVS - Diodes</a> |
| Package                          | SC-79, SOD-523               |
| Series                           | ESDA, TRANSIL?               |
| Type                             | Zener                        |
| Unidirectional Channels          | 1                            |
| Bidirectional Channels           | -                            |
| Voltage - Reverse Standoff (Typ) | 15V                          |
| Voltage - Breakdown (Min)        | 18V                          |
| Voltage - Clamping (Max) @ Ipp   | 34V                          |
| Current - Peak Pulse (10/1000µs) | 12A (8/20µs)                 |
| Power - Peak Pulse               | 400W                         |
| Power Line Protection            | No                           |
| Applications                     | General Purpose              |
| Capacitance @ Frequency          | 105pF @ 1MHz                 |
| Operating Temperature            | -40°C ~ 150°C (TJ)           |
| Mounting Type                    | Surface Mount                |
| Package / Case                   | SC-79, SOD-523               |
| Supplier Device Package          | SOD-523                      |
| <a href="#">Report errors?</a>   |                              |

## ESDA18-1K 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.

## ESDA18-1K Payment Methods



## ESDA18-1K Shipping Methods



If you have any question about ESDA18-1K, please do not hesitate to contact us!

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

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