

**BAT42W-E3-18 Information**


For Reference Only

**Part Number** [BAT42W-E3-18](#)  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
               [Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 30V 200MA SOD123  
**Package** SOD-123  
 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.


**BAT42W-E3-18 Specifications**

|                                   |  |
|-----------------------------------|--|
| Manufacturer Part Number          | <a href="#">BAT42W-E3-18</a>                 |
| Manufacturer                      | Vishay Semiconductor Diodes Division         |
| Category                          | Discrete Semiconductor Products              |
|                                   | <a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | SOD-123                                      |
| Series                            | Automotive, AEC-Q101                         |
| Diode Type                        | Schottky                                     |
| Voltage - DC Reverse (Vr) (Max)   | 30V  |
| Current - Average Rectified (Io)  | 200mA (DC)                                   |
| Voltage - Forward (Vf) (Max) @ If | 650mV @ 50mA                                 |
| Speed                             | Small Signal =< 200mA (Io), Any Speed        |
| Reverse Recovery Time (trr)       | 5ns  |
| Current - Reverse Leakage @ Vr    | 500nA @ 25V                                  |
| Capacitance @ Vr, F               | 7pF @ 1V, 1MHz                               |
| Mounting Type                     | Surface Mount                                |
| Package / Case                    | SOD-123                                      |
| Supplier Device Package           | SOD-123                                      |
| Operating Temperature - Junction  | 125°C (Max)                                  |

[Report errors?](#)

## BAT42W-E3-18 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.

## BAT42W-E3-18 Payment Methods



## BAT42W-E3-18 Shipping Methods



If you have any question about BAT42W-E3-18, please do not hesitate to contact us!

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