

**MBR1645 Information**


For Reference Only

**Part Number** [MBR1645](#)  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 45V 16A TO220AC  
**Package** TO-220-2  
 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.


**MBR1645 Specifications**

|                                   |   |
|-----------------------------------|---|
| Manufacturer Part Number          | <a href="#">MBR1645</a>   |
| Manufacturer                      | Vishay Semiconductor Diodes Division  |
| Category                          | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | TO-220-2  |
| Series                            | -   |
| Diode Type                        | Schottky  |
| Voltage - DC Reverse (Vr) (Max)   | 45V   |
| Current - Average Rectified (Io)  | 16A   |
| Voltage - Forward (Vf) (Max) @ If | 630mV @ 16A   |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)       | -   |
| Current - Reverse Leakage @ Vr    | 200µA @ 45V   |
| Capacitance @ Vr, F               | -   |
| Mounting Type                     | Through Hole  |
| Package / Case                    | TO-220-2  |
| Supplier Device Package           | TO-220AC  |
| Operating Temperature - Junction  | -65°C ~ 150°C   |

[Report errors?](#)

## MBR1645 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.

## MBR1645 Payment Methods



## MBR1645 Shipping Methods



If you have any question about MBR1645, please do not hesitate to contact us!

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