

**SMDB12/TR7 Information**


For Reference Only

**Part Number** [SMDB12/TR7](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 12VWM 19VC 8SO  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 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.


**SMDB12/TR7 Specifications**

Manufacturer Part Number	<a href="#">SMDB12/TR7</a>
Manufacturer	Microsemi Corporation
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	TVSarray?
Type	Zener
Unidirectional Channels	4
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	12V
Voltage - Breakdown (Min)	13.3V
Voltage - Clamping (Max) @ Ipp	19V
Current - Peak Pulse (10/1000µs)	5A (8/20µs)
Power - Peak Pulse	300W
Power Line Protection	No
Applications	General Purpose
Capacitance @ Frequency	185pF @ 1MHz
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO

[Report errors?](#)

## SMDB12/TR7 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.

## SMDB12/TR7 Payment Methods



## SMDB12/TR7 Shipping Methods



If you have any question about SMDB12/TR7, please do not hesitate to contact us!

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

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