

## SMB10J12CAHR5G



**Part Number:** [SMB10J12CAHR5G](#)  
**Manufacturer:** [TSC \(Taiwan Semiconductor\)](#)  
**Description:** TVS DIODE 12V 19.9V DO214AA  
**Data sheet:** [PDF SMB10J9.0A - SMB10J40A](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">SMB10J12CAHR5G</a>
Manufacturer	<a href="#">TSC (Taiwan Semiconductor)</a>
Description	TVS DIODE 12V 19.9V DO214AA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	313971 pcs
Product Photo	<a href="#">SMB10J12CAHR5G.jpg</a>
Category	<a href="#">Circuit Protection</a>
Voltage - Reverse Standoff (Typ)	12V
Voltage - Clamping (Max) @ Ipp	19.9V
Voltage - Breakdown (Min)	13.3V
Type	Zener
Supplier Device Package	DO-214AA (SMB)
Series	Automotive, AEC-Q101, SMB10J
Power Line Protection	No
Power - Peak Pulse	1000W (1kW)
Packaging	Tape & Reel (TR)
Package / Case	DO-214AA, SMB
Other Names	SMB10J12CAHR5GTR
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Current - Peak Pulse (10/1000µs)	50.3A
Capacitance @ Frequency	-
Bidirectional Channels	1
Applications	Automotive

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