



## **MSMBG150CA Information**



For Reference Only

Part Number MSMBG150CA

Manufacturer Microsemi Corporation Category

Circuit Protection TVS - Diodes

**Description** TVS DIODE 150VWM 243VC DO215AA

Package DO-215AA, SMB Gull Wing

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **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.









# **MSMBG150CA Specifications**

Manufacturer Part Number         MSMBG150CA           Manufacturer         Microsemi Corporation           Category         Circuit Protection           TVS - Diodes           Package         DO-215AA, SMB Gull Wing           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           Voltage - Reverse Standoff (Typ)         150V           Voltage - Breakdown (Min)         167V           Voltage - Clamping (Max) @ Ipp         243V           Current - Peak Pulse (10/1000µs)         2.5A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -65°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         DO-215AA, SMB Gull Wing           Supplier Device Package         SMBG (DO-215AA)	•	
Category         Circuit Protection           TVS - Diodes           Package         DO-215AA, SMB Gull Wing           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           Voltage - Reverse Standoff (Typ)         150V           Voltage - Breakdown (Min)         167V           Voltage - Clamping (Max) @ Ipp         243V           Current - Peak Pulse (10/1000μs)         2.5A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -65°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         DO-215AA, SMB Gull Wing           Supplier Device Package         SMBG (DO-215AA)	Manufacturer Part Number	MSMBG150CA
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PackageDO-215AA, SMB Gull WingSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)150VVoltage - Breakdown (Min)167VVoltage - Clamping (Max) @ Ipp243VCurrent - Peak Pulse (10/1000μs)2.5APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AA, SMB Gull WingSupplier Device PackageSMBG (DO-215AA)	Category	Circuit Protection
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Type Zener  Unidirectional Channels  Bidirectional Channels  1  Voltage - Reverse Standoff (Typ)  150V  Voltage - Breakdown (Min)  167V  Voltage - Clamping (Max) @ Ipp  243V  Current - Peak Pulse (10/1000µs)  2.5A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package	Package	DO-215AA, SMB Gull Wing
Unidirectional Channels  Bidirectional Channels  1 Voltage - Reverse Standoff (Typ)  150V  Voltage - Breakdown (Min)  167V  Voltage - Clamping (Max) @ Ipp  243V  Current - Peak Pulse (10/1000μs)  2.5A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package	Series	Military, MIL-PRF-19500
Bidirectional Channels  Voltage - Reverse Standoff (Typ)  150V  Voltage - Breakdown (Min)  167V  Voltage - Clamping (Max) @ Ipp  243V  Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Capacitance @ Frequency  Operating Temperature  Mounting Type  Surface Mount  Package / Case  SmBG (DO-215AA, SMB Gull Wing  Supplier Device Package	Туре	Zener
Voltage - Reverse Standoff (Typ)  Voltage - Breakdown (Min)  167V  Voltage - Clamping (Max) @ Ipp  243V  Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  600W  Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  167V  243V  2.5A  600W  No  600W  For Control No  Surface Mount  For Control Type  For Control Type  Surface Mount  For Control Type  For Control	Unidirectional Channels	-
Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  243V  Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  600W  Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package  SMBG (DO-215AA)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp  Current - Peak Pulse (10/1000μs)  2.5A  Power - Peak Pulse  600W  Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package	Voltage - Reverse Standoff (Typ)	150V
Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  600W  Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package	Voltage - Breakdown (Min)	167V
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Applications  Capacitance @ Frequency  Operating Temperature  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package  SMBG (DO-215AA)	Power - Peak Pulse	600W
Capacitance @ Frequency - Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-215AA, SMB Gull Wing  Supplier Device Package SMBG (DO-215AA)	Power Line Protection	No
Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AA, SMB Gull Wing  Supplier Device Package  SMBG (DO-215AA)	Applications	General Purpose
Mounting Type Surface Mount  Package / Case DO-215AA, SMB Gull Wing  Supplier Device Package SMBG (DO-215AA)	Capacitance @ Frequency	-
Package / Case DO-215AA, SMB Gull Wing Supplier Device Package SMBG (DO-215AA)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package SMBG (DO-215AA)	Mounting Type	Surface Mount
	Package / Case	DO-215AA, SMB Gull Wing
Report errors?	Supplier Device Package	SMBG (DO-215AA)
		Report errors?

#### **MSMBG150CA 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.

## **MSMBG150CA Payment Methods**



















## **MSMBG150CA Shipping Methods**













If you have any question about MSMBG150CA, please do not hesitate to contact us!

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