



## **MSMCG17AE3** Information



For Reference Only

Part Number MSMCG17AE3

Manufacturer Microsemi Corporation

Category Circuit Protection

TVS - Diodes

**Description** TVS DIODE 17VWM 27.6VC DO215AB

Package DO-215AB, SMC Gull Wing

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

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## **MSMCG17AE3** Specifications

Manufacturer Part Number         MSMCG17AE3           Manufacturer         Microsemi Corporation           Category         Circuit Protection           TVS - Diodes           Package         DO-215AB, SMC Gull Wing           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         17V           Voltage - Breakdown (Min)         18.9V           Voltage - Clamping (Max) @ Ipp         27.6V           Current - Peak Pulse (10/1000µs)         53.3A           Power - Peak Pulse         1500W (1.5kW)           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -65°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         DO-215AB, SMC Gull Wing           Supplier Device Package         SMCG (DO-215AB)	*	
Category         Circuit Protection           TVS - Diodes           Package         DO-215AB, SMC Gull Wing           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         17V           Voltage - Breakdown (Min)         18.9V           Voltage - Clamping (Max) @ Ipp         27.6V           Current - Peak Pulse (10/1000µs)         53.3A           Power - Peak Pulse         1500W (1.5kW)           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -65°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         DO-215AB, SMC Gull Wing           Supplier Device Package         SMCG (DO-215AB)	Manufacturer Part Number	MSMCG17AE3
Package Package DO-215AB, SMC Gull Wing Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels I Bidirectional Channels I Bidirectional Channels I Voltage - Reverse Standoff (Typ) I7V Voltage - Breakdown (Min) I8.9V Voltage - Clamping (Max) @ Ipp Z7.6V Current - Peak Pulse (10/1000µs) S3.3A Power - Peak Pulse I500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature General Purpose  Capacitance @ Frequency Doerating Temperature Surface Mount Package / Case DO-215AB, SMC Gull Wing SMCG (DO-215AB)	Manufacturer	Microsemi Corporation
PackageDO-215AB, SMC Gull WingSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)18.9VVoltage - Clamping (Max) @ Ipp27.6VCurrent - Peak Pulse (10/1000μs)53.3APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AB, SMC Gull WingSupplier Device PackageSMCG (DO-215AB)	Category	Circuit Protection
SeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)18.9VVoltage - Clamping (Max) @ Ipp27.6VCurrent - Peak Pulse (10/1000μs)53.3APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AB, SMC Gull WingSupplier Device PackageSMCG (DO-215AB)		TVS - Diodes
Type Zener Unidirectional Channels Bidirectional Channels - Voltage - Reverse Standoff (Typ) 17V Voltage - Breakdown (Min) 18.9V Voltage - Clamping (Max) @ Ipp 27.6V Current - Peak Pulse (10/1000µs) 53.3A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-215AB, SMC Gull Wing Supplier Device Package	Package	DO-215AB, SMC Gull Wing
Unidirectional Channels  Bidirectional Channels  Voltage - Reverse Standoff (Typ)  17V  Voltage - Breakdown (Min)  18.9V  Voltage - Clamping (Max) @ Ipp  27.6V  Current - Peak Pulse (10/1000µs)  53.3A  Power - Peak Pulse  1500W (1.5kW)  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package	Series	Military, MIL-PRF-19500
Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)18.9VVoltage - Clamping (Max) @ Ipp27.6VCurrent - Peak Pulse (10/1000μs)53.3APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AB, SMC Gull WingSupplier Device PackageSMCG (DO-215AB)	Type	Zener
Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)18.9VVoltage - Clamping (Max) @ Ipp27.6VCurrent - Peak Pulse (10/1000μs)53.3APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AB, SMC Gull WingSupplier Device PackageSMCG (DO-215AB)	Unidirectional Channels	1
Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  27.6V  Current - Peak Pulse (10/1000μs)  53.3A  Power - Peak Pulse  1500W (1.5kW)  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp27.6VCurrent - Peak Pulse (10/1000μs)53.3APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-215AB, SMC Gull WingSupplier Device PackageSMCG (DO-215AB)	Voltage - Reverse Standoff (Typ)	17V
Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  1500W (1.5kW)  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package	Voltage - Breakdown (Min)	18.9V
Power - Peak Pulse 1500W (1.5kW)  Power Line Protection No  Applications General Purpose  Capacitance @ Frequency -  Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-215AB, SMC Gull Wing  Supplier Device Package SMCG (DO-215AB)	Voltage - Clamping (Max) @ Ipp	27.6V
Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package	Current - Peak Pulse (10/1000µs)	53.3A
Applications  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package  SMCG (DO-215AB)	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package  SMCG (DO-215AB)	Power Line Protection	No
Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-215AB, SMC Gull Wing  Supplier Device Package  SMCG (DO-215AB)	Applications	General Purpose
Mounting Type Surface Mount  Package / Case DO-215AB, SMC Gull Wing  Supplier Device Package SMCG (DO-215AB)	Capacitance @ Frequency	-
Package / Case DO-215AB, SMC Gull Wing Supplier Device Package SMCG (DO-215AB)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package SMCG (DO-215AB)	Mounting Type	Surface Mount
••	Package / Case	DO-215AB, SMC Gull Wing
Report errors?	Supplier Device Package	SMCG (DO-215AB)
		Report errors?

#### **MSMCG17AE3** 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.

# **MSMCG17AE3 Payment Methods**



















### **MSMCG17AE3 Shipping Methods**













If you have any question about MSMCG17AE3, please do not hesitate to contact us!

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