



### **MXSMCJ17CA Information**



For Reference Only

Part Number MXSMCJ17CA

Manufacturer Microsemi Corporation

Category Circuit Protection

TVS - Diodes

**Description** TVS DIODE 17VWM 27.6VC DO214AB

Package DO-214AB, SMC

For the pricing/inventory/lead time, please contact

us

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









## **MXSMCJ17CA Specifications**

Manufacturer Part Number       MXSMCJ17CA         Manufacturer       Microsemi Corporation         Category       Circuit Protection         TVS - Diodes         Package       DO-214AB, SMC         Series       Military, MIL-PRF-19500         Type       Zener         Unidirectional Channels       -         Bidirectional Channels       1         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-214AB, SMC         Supplier Device Package       DO-214AB (SMCJ)	•	
Category         Circuit Protection           TVS - Diodes           Package         DO-214AB, SMC           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           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-214AB, SMC           Supplier Device Package         DO-214AB (SMCJ)	Manufacturer Part Number	MXSMCJ17CA
Package         DO-214AB, SMC           Series         Military, MIL-PRF-19500           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           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-214AB, SMC           Supplier Device Package         DO-214AB (SMCJ)	Manufacturer	Microsemi Corporation
PackageDO-214AB, SMCSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - 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-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Category	Circuit Protection
SeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - 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-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)		TVS - Diodes
Type Zener  Unidirectional Channels  Bidirectional Channels  1  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-214AB, SMC  Supplier Device Package	Package	DO-214AB, SMC
Unidirectional Channels  Bidirectional Channels  1  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-214AB, SMC  Supplier Device Package	Series	Military, MIL-PRF-19500
Bidirectional Channels1Voltage - 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-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Туре	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-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Unidirectional Channels	-
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-214AB, SMC  Supplier Device Package	Bidirectional Channels	1
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-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Reverse Standoff (Typ)	17V
Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  1500W (1.5kW)  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  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-214AB, SMC  Supplier Device Package DO-214AB (SMCJ)	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-214AB, SMC  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-214AB, SMC  Supplier Device Package  DO-214AB (SMCJ)	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB (SMCJ)	Power Line Protection	No
Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB (SMCJ)	Applications	General Purpose
Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB (SMCJ)	Capacitance @ Frequency	-
Package / Case DO-214AB, SMC Supplier Device Package DO-214AB (SMCJ)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-214AB (SMCJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AB, SMC
Report errors?	Supplier Device Package	DO-214AB (SMCJ)
		Report errors?

#### **MXSMCJ17CA 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.

# **MXSMCJ17CA Payment Methods**



















# **MXSMCJ17CA Shipping Methods**













If you have any question about MXSMCJ17CA, please do not hesitate to contact us!

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