

MASMCJLCE51AE3

MASMCJLCE51AE3 Information



For Reference Only

Part Number MASMCJLCE51AE3

Manufacturer Microsemi Corporation

Category Circuit Protection

TVS - Diodes

Description TVS DIODE 51VWM 82.4VC DO215AB

Package DO-214AB, SMC

For the pricing/inventory/lead time, please contact

us

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



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MASMCJLCE51AE3 Specifications

Manufacturer Part NumberMASMCILCE51AE3ManufacturerMicrosemi CorporationCategoryCircuit ProtectionTVS - DiodesPackageDO-214AB, SMCSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000μs)18.2APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface Mount	_	
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TVS - Diodes Package DO-214AB, SMC Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 18.2A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz Operating Temperature	Manufacturer	Microsemi Corporation
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Unidirectional Channels Bidirectional Channels - Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 18.2A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications Capacitance @ Frequency 100pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ)	Series	Military, MIL-PRF-19500
Bidirectional Channels Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000µs) 18.2A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000μs)18.2APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000μs)18.2APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000μs)18.2APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)	Voltage - Reverse Standoff (Typ)	51V
Current - Peak Pulse (10/1000µs) Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications Capacitance @ Frequency Operating Temperature 18.2A 1500W (1.5kW) No General Purpose 100pF @ 1MHz -65°C ~ 150°C (TJ)	Voltage - Breakdown (Min)	56.7V
Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ)	Voltage - Clamping (Max) @ Ipp	82.4V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)	Current - Peak Pulse (10/1000µs)	18.2A
Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ)	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency 100pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ)	Power Line Protection	No
Operating Temperature $-65^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Applications	General Purpose
	Capacitance @ Frequency	100pF @ 1MHz
Mounting Type Surface Mount	Operating Temperature	-65°C ~ 150°C (TJ)
	Mounting Type	Surface Mount
Package / Case DO-214AB, SMC	Package / Case	DO-214AB, SMC
Supplier Device Package DO-214AB (SMCJ)	Supplier Device Package	DO-214AB (SMCJ)
Report errors?		Report errors?

MASMCJLCE51AE3 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.

MASMCJLCE51AE3 Payment Methods



















MASMCJLCE51AE3 Shipping Methods













If you have any question about MASMCJLCE51AE3, please do not hesitate to contact us!

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