



MSMBG85AE3 Information



For Reference Only

Part Number MSMBG85AE3

Manufacturer Microsemi Corporation

Category Circuit Protection

TVS - Diodes

Description TVS DIODE 85VWM 137VC DO215AA

Package DO-215AA, SMB 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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MSMBG85AE3 Specifications

Manufacturer Part Number MSMBG85AE3 Manufacturer Microsemi Corporation Category Circuit Protection TVS - Diodes Package DO-215AA, SMB Gull Wing Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 85V Voltage - Breakdown (Min) 94.4V Voltage - Clamping (Max) @ Ipp 137V Current - Peak Pulse (10/1000µs) 4.4A Power - Peak Pulse (10/1000µs) 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 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 85V Voltage - Breakdown (Min) 94.4V Voltage - Clamping (Max) @ Ipp 137V Current - Peak Pulse (10/1000µs) 4.4A 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	MSMBG85AE3
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PackageDO-215AA, SMB Gull WingSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)94.4VVoltage - Clamping (Max) @ Ipp137VCurrent - Peak Pulse (10/1000μs)4.4APower - 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
SeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)94.4VVoltage - Clamping (Max) @ Ipp137VCurrent - Peak Pulse (10/1000μs)4.4APower - 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)		TVS - Diodes
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Unidirectional Channels Bidirectional Channels Voltage - Reverse Standoff (Typ) 85V Voltage - Breakdown (Min) 94.4V Voltage - Clamping (Max) @ Ipp 137V Current - Peak Pulse (10/1000µs) 4.4A 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)85VVoltage - Breakdown (Min)94.4VVoltage - Clamping (Max) @ Ipp137VCurrent - Peak Pulse (10/1000μs)4.4APower - 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)	Type	Zener
Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) 94.4V Voltage - Clamping (Max) @ Ipp 137V 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	Unidirectional Channels	1
Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 137V Current - Peak Pulse (10/1000μs) 4.4A 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	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp137VCurrent - Peak Pulse (10/1000μs)4.4APower - 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)	Voltage - Reverse Standoff (Typ)	85V
Current - Peak Pulse (10/1000µs) 4.4A 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)	Voltage - Breakdown (Min)	94.4V
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)	Voltage - Clamping (Max) @ Ipp	137V
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)	Current - Peak Pulse (10/1000µs)	4.4A
Applications 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 - 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?

MSMBG85AE3 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.

MSMBG85AE3 Payment Methods



















MSMBG85AE3 Shipping Methods













If you have any question about MSMBG85AE3, please do not hesitate to contact us!

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