

# JAN1N6165AUS

## **JAN1N6165AUS Information**

Heisener.com	 JAN1N6165AUS Microsemi Corporation Circuit Protection TVS - Diodes TVS DIODE 69.2VWM 125.1VC CPKG SQ-MELF, C For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **Certified Quality**

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# **JAN1N6165AUS Specifications**

ManufacturerMicrosemi CorporationCategoryCircuit ProtectionTVS - DiodesPackageSQ-MELF, CSeriesMilitary, MIL-PRF-19500/516SpresZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp12ACurrent - Peak Pulse (10/1000µs)12APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF, C		
CategoryCircuit ProtectionTVS - DiodesPackageSQ-MELF, CSeriesMilitary, MIL-PRF-19500/516TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF, C	Manufacturer Part Number	JAN1N6165AUS
TVS - DiodesPackageSQ-MELF, CSeriesMilitary, MIL-PRF-19500/516TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF, C	Manufacturer	Microsemi Corporation
PackageSQ-MELF, CSeriesMilitary, MIL-PRF-19500/516TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)120W (1.5kW)Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSu'face MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Category	Circuit Protection
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Type Zener   Unidirectional Channels -   Bidirectional Channels 1   Voltage - Reverse Standoff (Typ) 69.2V   Voltage - Breakdown (Min) 86.5V   Voltage - Clamping (Max) @ Ipp 125.1V   Current - Peak Pulse (10/1000µs) 12A   Power - Peak Pulse (10/1000µs) 1500W (1.5kW)   Power Line Protection No   Applications General Purpose   Capacitance @ Frequency -   Operating Temperature -55°C ~ 175°C (TJ)   Mounting Type Surface Mount   Package / Case SQ-MELF, C   Supplier Device Package C, SQ-MELF	Package	SQ-MELF, C
Ar-Unidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Series	Military, MIL-PRF-19500/516
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Voltage - Reverse Standoff (Typ)69.2VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Unidirectional Channels	-
Voltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp125.1VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Voltage - Reverse Standoff (Typ)	69.2V
Current - Peak Pulse (10/1000µs)12APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Voltage - Breakdown (Min)	86.5V
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Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Current - Peak Pulse (10/1000µs)	12A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Power Line Protection	No
Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Capacitance @ Frequency	-
Package / CaseSQ-MELF, CSupplier Device PackageC, SQ-MELF	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package C, SQ-MELF	Mounting Type	Surface Mount
	Package / Case	SQ-MELF, C
Report errors?	Supplier Device Package	C, SQ-MELF
		Report errors?

### **JAN1N6165AUS** 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.

#### **JAN1N6165AUS Payment Methods**





If you have any question about JAN1N6165AUS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com