

# SMCJ28

### **SMCJ28 Information**



Part Number	SMCJ28	
Manufacturer	Littelfuse Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 28VWM 47.67VC SMC	
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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## **Certified Quality**

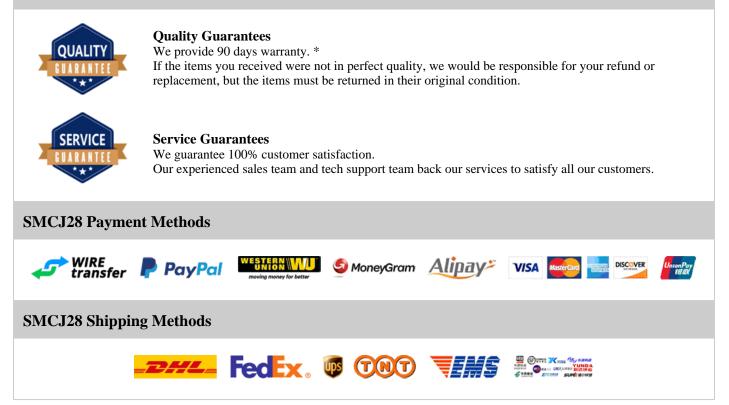
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## **SMCJ28 Specifications**

Manufacturer Littelfuse Inc.   Category Circuit Protection   TVS - Diodes TVS - Diodes   Package DO-214AB, SMC   Series SMCJ   Type Zener   Undirectional Channels 1   Bidirectional Channels -   Voltage - Reverse Standoff (Typ) 28V   Voltage - Breakdown (Min) 29.48V   Voltage - Clamping (Max) @ Ipp 33.1A   Power Line Protection No   Applications General Purpose   Capacitance @ Frequency -   Operating Temperature -   Package / Case Surface Mount   Package / Case DO-214AB, SMC		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AB, SMCPackageSMCJSeriesSMCJTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp33.1APower Line ProtectionNoPower Line ProtectionSolow (1.5kW)Power Line ProtectionGeneral PurposeCapacitance @ Frequency-Capacitance @ Frequency-Operating TemperatureSurface MountPackage / CaseSurface MountSupplier Device PackageDO-214AB, SMC	Manufacturer Part Number	SMCJ28
TVS - DiodesPackageDO-214AB, SMCSeriesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Manufacturer	Littelfuse Inc.
PackageDO-214AB, SMCSeriesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Category	Circuit Protection
SeriesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB (SMCJ)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 150°C (TJ)Package / CaseDo-214AB, SMCSupplier Device PackageDo-214AB (SMCJ)	Package	DO-214AB, SMC
A1Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Series	SMCJ
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)28VVoltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power - Peak PulseNoPower Line ProtectionGeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)29.48VVoltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp47.67VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Reverse Standoff (Typ)	28V
Current - Peak Pulse (10/1000µs)33.1APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Breakdown (Min)	29.48V
Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Clamping (Max) @ Ipp	47.67V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Current - Peak Pulse (10/1000µs)	33.1A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Capacitance @ Frequency	-
Package / Case DO-214AB, SMC Supplier Device Package DO-214AB (SMCJ)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DO-214AB (SMCJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AB, SMC
Report errors <sup>4</sup>	Supplier Device Package	DO-214AB (SMCJ)
		Report errors?

#### **SMCJ28** Guarantees



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