

# 1SMB16CAT3

#### **1SMB16CAT3** Information

www.ingtener.com	Part Number Manufacturer Category Description Package	1SMB16CAT3 ON Semiconductor Circuit Protection TVS - Diodes TVS DIODE 16VWM 26VC SMB DO-214AA, SMB For the pricing/inventory/lead time, please contact	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote



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### **1SMB16CAT3 Specifications**

ManufacturerON SemiconductorCategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-214AA, SMBSeries-Series-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)7.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/100µs)23.1APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-214AA, SMB	-	
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeries-Series-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/100µs)23.1APower Line ProtectionKoApplicationsScopF @ 1MHzCapacitance @ Frequency50pF @ 1MHzOperating Temperature60°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Manufacturer Part Number	1SMB16CAT3
TVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)23.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Manufacturer	ON Semiconductor
PackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)31.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520F @ 11MHzOperating Temperature65° C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSMB	Category	Circuit Protection
Series-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)7.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)33.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)23.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 11MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSUBSupplier Device PackageSMB	Package	DO-214AA, SMB
Unidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/100µs)23.1APower - Peak Pulse (10/100µs)600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520F @ 1MHzOperating TemperatureSufface MountPackage / CaseDo-214AA, SMBSupplier Device PackageSMB	Series	-
Bidirectional Channels1Bidirectional Channels16VVoltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)23.1APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Туре	Zener
Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/100µs)3.1APower - Peak Pulse (10/100µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating TemperatureSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Unidirectional Channels	-
Voltage - Breakdown (Min)17.8VVoltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)23.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 11MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp26VCurrent - Peak Pulse (10/1000µs)23.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Reverse Standoff (Typ)	16V
Current - Peak Pulse (10/1000µs)23.1APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Breakdown (Min)	17.8V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Clamping (Max) @ Ipp	26V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Current - Peak Pulse (10/1000µs)	23.1A
ApplicationsGeneral PurposeCapacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Power - Peak Pulse	600W
Capacitance @ Frequency520pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Power Line Protection	No
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Capacitance @ Frequency	520pF @ 1MHz
Package / Case DO-214AA, SMB   Supplier Device Package SMB	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package SMB	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Report errors?	Supplier Device Package	SMB
		Report errors?

#### **1SMB16CAT3** 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 UARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## **1SMB16CAT3** Payment Methods





If you have any question about 1SMB16CAT3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com