

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