

1SMB13AT3

1SMB13AT3 Information

www.ineisener.com	Part Number Manufacturer Category Description Package	1SMB13AT3 ON Semiconductor Circuit Protection TVS - Diodes TVS DIODE 13VWM 21.5VC SMB DO-214AA, SMB 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



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1SMB13AT3 Specifications

ManufacturerON SemiconductorCategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/100µs)27.9APower Line ProtectionMoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSurface Mount		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidrectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)79.9APower Line ProtectionKonApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 11HHzOperating TwppeSufface MountPowenting TypeSufface MountPowenting TypeSufface MountSupplier Device PackageSufface Mount	Manufacturer Part Number	1SMB13AT3
TVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 11MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Manufacturer	ON Semiconductor
PackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower - Peak Pulse600WOperating Frequency1160pF @ 1MHzOperating Temperature65°C ~ 150°C (TJ)Mounting TypeDo-214AA, SMBSupplier Device PackageSMB	Category	Circuit Protection
Series-TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)70.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Type55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case500214AA, SMBSupplier Device PackageSMB		TVS - Diodes
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Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower - Peak PulseNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating TemperatureSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageSMB	Series	-
Bidirectional Channels-Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower - Peak PulseNoPower Line ProtectionNoApplicationsGeneral PurposeCuperating Temperature-65°C ~150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Туре	Zener
Voltage - Reverse Standoff (Typ)13VVoltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse (10/1000µs)600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Unidirectional Channels	1
Voltage - Breakdown (Min)14.4VVoltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp21.5VCurrent - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Reverse Standoff (Typ)	13V
Current - Peak Pulse (10/1000µs)27.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Breakdown (Min)	14.4V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Clamping (Max) @ Ipp	21.5V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Current - Peak Pulse (10/1000µs)	27.9A
ApplicationsGeneral PurposeCapacitance @ Frequency1160pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Power - Peak Pulse	600W
Capacitance @ Frequency1160pF @ 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	1160pF @ 1MHz
Package / CaseDO-214AA, SMBSupplier Device PackageSMB	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?

1SMB13AT3 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

Service Guarantees

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

If you have any question about 1SMB13AT3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com