

# **1SMB110AT3**

#### **1SMB110AT3 Information**

www.inefsener.com	Part Number Manufacturer Category Description Package	1SMB110AT3 ON Semiconductor Circuit Protection TVS - Diodes TVS DIODE 110VWM 177VC SMB DO-214AA, SMB For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# **1SMB110AT3** Specifications

Manufacturer     ON Semiconductor       Category     Circuit Protection       TVS - Diodes     TVS - Diodes       Package     DO-214AA, SMB       Series     -       Type     Zener       Undirectional Channels     1       Bidirectional Channels     1       Bidirectional Channels     -       Voltage - Reverse Standoff (Typ)     110V       Voltage - Clamping (Max) @ Ipp     177V       Current - Peak Pulse (10/1000µs)     3.4A       Power Line Protection     Ko       Applications     General Purpose       Capacitance @ Frequency     175F @ 1MHz       Operating Temperature     -65°C ~ 150°C (TJ)       Mounting Type     Surface Mount       Package / Case     Surface Mount		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp3.4APower Line ProtectionKoPower Line ProtectionKoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Package / CaseSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Manufacturer Part Number	1SMB110AT3
TVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature60°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)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp34ACurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175F @ 11MHzOperating Temperature65°C ~ 150°C (TJ)Package / CaseSungSupplier Device PackageSMB	Category	Circuit Protection
Note-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Type-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSMB		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSMB	Package	DO-214AA, SMB
Provide a constraint of the cons	Series	-
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Туре	Zener
Voltage - Reverse Standoff (Typ)110VVoltage - Breakdown (Min)122VVoltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Unidirectional Channels	1
Voltage - Breakdown (Min)122 VVoltage - Clamping (Max) @ Ipp177 VCurrent - Peak Pulse (10/1000µs)3.4 APower - Peak Pulse (10/1000µs)600 WPower - Peak Pulse600 WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175 pF @ 1 MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp177VCurrent - Peak Pulse (10/1000µs)3.4APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Reverse Standoff (Typ)	110V
Current - Peak Pulse (10/1000µs)3.4APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Breakdown (Min)	122V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Voltage - Clamping (Max) @ Ipp	177V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Current - Peak Pulse (10/1000µs)	3.4A
ApplicationsGeneral PurposeCapacitance @ Frequency175pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Power - Peak Pulse	600W
Capacitance @ Frequency175pF @ 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	175pF @ 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

#### **1SMB110AT3** 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.

#### **1SMB110AT3** Payment Methods



## **1SMB110AT3** Shipping Methods



If you have any question about 1SMB110AT3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com