

# SM6T22AHE3/52

### SM6T22AHE3/52 Information

Nerve the state of the	 SM6T22AHE3/52 Vishay Semiconductor Diodes Division Circuit Protection TVS - Diodes TVS DIODE 18.8VWM 30.6VC 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

## **Certified Quality**

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### SM6T22AHE3/52 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)18.8VVoltage - Breakdown (Min)20.9VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µS)20APower Line ProtectionNoAutomotiveAutomotiveApplications-Capacitance @ Frequency-Operating Temperature-Package / CaseSurface MountSupplier Device PackageDO-214AA, SMB		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)18.8VVoltage - Reverse Standoff (Typ)30.6VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature60°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Manufacturer Part Number	SM6T22AHE3/52
TVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)18.8VVoltage - Breakdown (Min)20.9VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Manufacturer	Vishay Semiconductor Diodes Division
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Automotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)I8.8VVoltage - Breakdown (Min)20.9VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower - Peak Pulse600WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)		TVS - Diodes
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Image: Antiperformed and a strain of the s	Series	Automotive, AEC-Q101, SM6T, TransZorb?
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Voltage - Reverse Standoff (Typ)18.8VVoltage - Breakdown (Min)20.9VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower - Peak Pulse600WPower - Peak PulseNoPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)20.9VVoltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp30.6VCurrent - Peak Pulse (10/1000µs)20APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Reverse Standoff (Typ)	18.8V
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ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Power - Peak Pulse	600W
Capacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Power Line Protection	No
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Applications	Automotive
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Capacitance @ Frequency	-
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-214AA (SMBJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Report errors <sup>4</sup>	Supplier Device Package	DO-214AA (SMBJ)
		Report errors?

### SM6T22AHE3/52 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 Guarantees**

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

#### SM6T22AHE3/52 Payment Methods



If you have any question about SM6T22AHE3/52, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com