

SM6T10AHE3/52

SM6T10AHE3/52 Information

Nerve tick enter down	 SM6T10AHE3/52 Vishay Semiconductor Diodes Division Circuit Protection TVS - Diodes TVS DIODE 8.55VWM 14.5VC 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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SM6T10AHE3/52 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower Line ProtectionNoAutomotiveAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower Line ProtectionNoApplications-Applications-Capacitance @ Frequency-Operating Temperature-5°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMB	Manufacturer Part Number	SM6T10AHE3/52
TVS - DiodesPackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower Line ProtectionNoAutomotive-Capacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, SM6T, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Category	Circuit Protection
Automotive, AEC-Q101, SM6T, TransZorb? Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 8.55V Voltage - Breakdown (Min) 9.5V Voltage - Clamping (Max) @ Ipp 14.5V Current - Peak Pulse (10/1000µs) 41A Power Line Protection No Automotive - Optarting Tenperature - Optarting Tenperature - Package / Case Surface Mount Supplier Device Package DO-214AA (SMBJ)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower - Peak Pulse (10/1000µs)600WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-55°C ~150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Package	DO-214AA, SMB
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Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)8.55VVoltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)9.5VVoltage - Clamping (Max) @ Ipp14.5VCurrent - Peak Pulse (10/1000µs)41APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Bidirectional Channels	-
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Current - Peak Pulse (10/1000µs)41APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Breakdown (Min)	9.5V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Clamping (Max) @ Ipp	14.5V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Current - Peak Pulse (10/1000µs)	41A
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 / Case DO-214AA, SMB Supplier Device Package DO-214AA (SMBJ)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-214AA (SMBJ)	Mounting Type	Surface Mount
Supplier Device Package DO-214AA (SMBJ) Report errors?	Package / Case	DO-214AA, SMB
Report errors?	Supplier Device Package	DO-214AA (SMBJ)
		Report errors?

SM6T10AHE3/52 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.

SM6T10AHE3/52 Payment Methods





If you have any question about SM6T10AHE3/52, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com