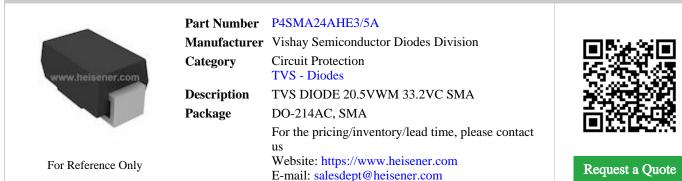


P4SMA24AHE3/5A

P4SMA24AHE3/5A Information



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.



P4SMA24AHE3/5A Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryCircuit ProtectionTVS - DiodesPackageDO-214AC, SMASeriesAutomotive, AEC-Q101, P4SMA, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µS)12APower Line ProtectionNoAutomotiveAutomotiveCapacitance @ Frequency-Operating Temperature-5°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMA		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AC, SMASeriesAutomotive, AEC-Q101, P4SMA, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower Line ProtectionNoAutomotiveApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer Part Number	P4SMA24AHE3/5A
TVS - DiodesPackageDO-214AC, SMASeriesAutomotive, AEC-Q101, P4SMA, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMA	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AC, SMASeriesAutomotive, AEC-Q101, P4SMA, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Category	Circuit Protection
SeriesAutomotive, AEC-Q101, P4SMA, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5 VVoltage - Breakdown (Min)22.8 VVoltage - Clamping (Max) @ Ipp33.2 VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageDo-214AC (SMA)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC (SMA)	Package	DO-214AC, SMA
Image: Animatic and the second seco	Series	Automotive, AEC-Q101, P4SMA, TransZorb?
Bidirectional Channels-Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse (10/1000µs)400WPower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Туре	Zener
Voltage - Reverse Standoff (Typ)20.5VVoltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower - Peak PulseNoPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Unidirectional Channels	1
Voltage - Breakdown (Min)22.8VVoltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp33.2VCurrent - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Reverse Standoff (Typ)	20.5V
Current - Peak Pulse (10/1000µs)12APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Breakdown (Min)	22.8V
Power - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Clamping (Max) @ Ipp	33.2V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Current - Peak Pulse (10/1000µs)	12A
ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power - Peak Pulse	400W
The capacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power Line Protection	No
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Applications	Automotive
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Capacitance @ Frequency	-
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-214AC (SMA)	Mounting Type	Surface Mount
	Package / Case	DO-214AC, SMA
Report errors?	Supplier Device Package	DO-214AC (SMA)
		Report errors?

P4SMA24AHE3/5A 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.

P4SMA24AHE3/5A Payment Methods



P4SMA24AHE3/5A Shipping Methods



If you have any question about P4SMA24AHE3/5A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com