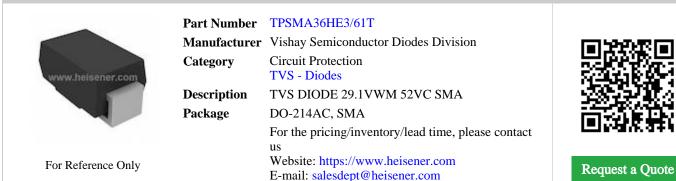


TPSMA36HE3/61T

TPSMA36HE3/61T 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.



TPSMA36HE3/61T Specifications

Manufacturer Part Number TPSMA36HE3/61T Manufacturer Vishay Semiconductor Diodes Division Category Circuit Protection TVS - Diodes TVS - Diodes Package DO-214AC, SMA Series Automotive, AEC-Q101, PAR? Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 29.1V Voltage - Breakdown (Min) 32.4V Voltage - Clamping (Max) @ Ipp 52V Current - Peak Pulse (10/1000µs) 7.7A Power Line Protection No Applications Automotive Circapiting remperature - Operating Temperature - Mouning Type Surface Mount Package / Case DO-214AC, SMA		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AC, SMASeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer Part Number	TPSMA36HE3/61T
TVS - DiodesPackageDO-214AC, SMASeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AC, SMASeriesAutomotive, AEC-Q101, PAR?TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/100µs)7.7APower - Peak Pulse400WPower Jene ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Category	Circuit Protection
SeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/100µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplications-Operating Temperature-50°C ~185°C (TJ)Mounting TypeSufface MountPackage / CaseDO-214AC (SMA)Supplier Device PackageDO-214AC (SMA)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/100µs)7.7APower - Peak Pulse (10/100µs)400WPower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeDo-214AC, SMASupplier Device PackageDO-214AC (SMA)	Package	DO-214AC, SMA
A1Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMAMuplier Device PackageDO-214AC (SMA)	Series	Automotive, AEC-Q101, PAR?
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower - Peak PulseNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMAUpplier Device PackageDO-214AC (SMA)	Туре	Zener
Voltage - Reverse Standoff (Typ)29.1VVoltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Unidirectional Channels	1
Voltage - Breakdown (Min)32.4VVoltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp52VCurrent - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Reverse Standoff (Typ)	29.1V
Current - Peak Pulse (10/1000µs)7.7APower - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Breakdown (Min)	32.4V
Power - Peak Pulse400WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Clamping (Max) @ Ipp	52V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Current - Peak Pulse (10/1000µs)	7.7A
ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power - Peak Pulse	400W
Capacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power Line Protection	No
Operating Temperature-65°C ~ 185°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 ~ 185°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?

TPSMA36HE3/61T 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 BUARANTEE

Service Guarantees

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

TPSMA36HE3/61T Payment Methods





If you have any question about TPSMA36HE3/61T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com