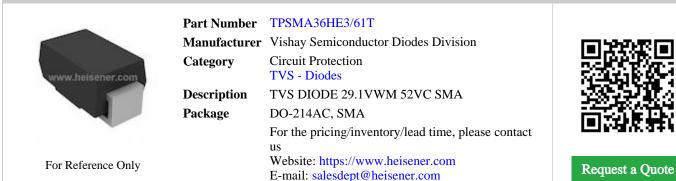


## TPSMA36HE3/61T

#### **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