

# **ESDA6V1-5T6**

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### **ESDA6V1-5T6 Information**

www.hekterancom	Part Number	ESDA6V1-5T6
	Manufacturer	STMicroelectronics
	Category	Circuit Protection TVS - Diodes
	Description	TVS DIODE 3VWM 6UDFN
	Package	6-XFDFN
		For the pricing/inventory/lead time, please contact
		us
For Reference Only		Website: https://www.heisener.com
		E-mail: salesdept@heisener.com

# **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.



# ESDA6V1-5T6 Specifications

ManufacturerSTMicroelectronicsCategoryCircuit ProtectionTVS - DiodesPackage6-XFDFNSeriesESDA, TRANSIL?TypeZenerUndirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power Line ProtectionSoApplicationsGeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Package / CaseSurface MountPackage / CaseSurface MountSupplier Device Package6-XFDFN		
CategoryCircuit ProtectionTVS - DiodesPackage6-XFDFNSeriesESDA, TRANSIL?TypeZenerUnidirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/100µs)3SWPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Package / CaseSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Manufacturer Part Number	ESDA6V1-5T6
TVS - DiodesPackage6-XFDFNSeriesESDA, TRANSIL?TypeZenerUnidirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / Case6.XFDFNSupplier Device Package6.UDFN (1x1)	Manufacturer	STMicroelectronics
Package6-XFDFNSeriesESDA, TRANSIL?TypeZenerUnidirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Pokage / CaseSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Category	Circuit Protection
SeriesESDA, TRANSIL?SeriesESDA, TRANSIL?TypeZenerUnidirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Voltage - Clamping (Max) @ Ipp3SWPower - Peak Pulse (10/1000µs)3SWPower - Peak Pulse3SWPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Package / CaseSurface MountSupplier Device Package6-XFDFNSupplier Device Package6-UDFN (1x1)		TVS - Diodes
TypeZenerUnidirectional Channels5Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package6-XFDFN (st.1)	Package	6-XFDFN
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Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Voltage - Clamping (Max) @ Ipp-Power - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)SWPower - Peak PulseSWPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Туре	Zener
Voltage - Reverse Standoff (Typ)3VVoltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)35WPower - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Unidirectional Channels	5
Voltage - Breakdown (Min)6.1VVoltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp-Current - Peak Pulse (10/1000µs)-Power - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Voltage - Reverse Standoff (Typ)	3V
Current - Peak Pulse (10/1000µs)-Power - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Voltage - Breakdown (Min)	6.1V
Power - Peak Pulse35WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Voltage - Clamping (Max) @ Ipp	_
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ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Power - Peak Pulse	35W
Capacitance @ Frequency-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Power Line Protection	No
Operating Temperature-Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Applications	General Purpose
Mounting TypeSurface MountPackage / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Capacitance @ Frequency	-
Package / Case6-XFDFNSupplier Device Package6-UDFN (1x1)	Operating Temperature	_
Supplier Device Package6-UDFN (1x1)	Mounting Type	Surface Mount
	Package / Case	6-XFDFN
Report errors?	Supplier Device Package	6-UDFN (1x1)
		Report errors?

#### **ESDA6V1-5T6** 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 GUARANTEE

#### **Service Guarantees**

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

# ESDA6V1-5T6 Payment Methods



# ESDA6V1-5T6 Shipping Methods



If you have any question about ESDA6V1-5T6, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com