

# **SM6T100CA**

### **SM6T100CA Information**



Part Number	SM6T100CA
Manufacturer	STMicroelectronics
Category	Circuit Protection TVS - Diodes
Description	TVS DIODE 85.5VWM 178VC SMB
Package	DO-214AA, SMB
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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#### For Reference Only

## **Certified Quality**

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### **SM6T100CA Specifications**

Manufacturer Part NumberSM6T100CAManufacturerSTMicroelectronicsCategoryCircuit ProtectionPackageDO-214AA, SMBSeriesSM6T, TRANSIL?TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)85.5VVoltage - Clamping (Max) @ Ipp95VVoltage - Clamping (Max) @ Ipp600WPower Line ProtectionNoApplicationsGeneral PurposeOperating Temperature-5°C ~ 150°C (TJ)Mouning TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)		
CategoryCircuit ProtectionCategoryCircuit ProtectionPackageDO-214AA, SMBPackageSMGT, TRANSIL?SeriesSMGT, TRANSIL?TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)85.5VVoltage - Breakdown (Min)95VVoltage - Clamping (Max) @ Ipp178VCurrent - Peak Pulse (10/100µs)22.5A (8/20µs)Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MustPackage / CaseDO-214AA, SMB	Manufacturer Part Number	SM6T100CA
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Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Power Line Protection	No
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Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Capacitance @ Frequency	-
Package / Case DO-214AA, SMB	Operating Temperature	-55°C ~ 150°C (TJ)
-	Mounting Type	Surface Mount
Supplier Device Package SMB (DO-214AA)	Package / Case	DO-214AA, SMB
	Supplier Device Package	SMB (DO-214AA)
Report errors		Report errors?

#### **SM6T100CA 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.

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