

SM6T22AY Information


For Reference Only

Part Number [SM6T22AY](#)
Manufacturer STMicroelectronics
Category Circuit Protection
[TVS - Diodes](#)
Description TVS DIODE 18.8VWM 39.3VC SMB
Package DO-214AA, SMB
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


SM6T22AY Specifications

Manufacturer Part Number	SM6T22AY
Manufacturer	STMicroelectronics
Category	Circuit Protection
	TVS - Diodes
Package	DO-214AA, SMB
Series	Automotive, AEC-Q101, SM6TY, TRANSIL?
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	18.8V
Voltage - Breakdown (Min)	20.9V
Voltage - Clamping (Max) @ Ipp	39.3V
Current - Peak Pulse (10/1000µs)	102A (8/20µs)
Power - Peak Pulse	600W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	DO-214AA, SMB
Supplier Device Package	SMB (DO-214AA)

[Report errors?](#)

SM6T22AY 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.

SM6T22AY Payment Methods



SM6T22AY Shipping Methods



If you have any question about SM6T22AY, please do not hesitate to contact us!

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