

SM30T12AY Information


For Reference Only

Part Number [SM30T12AY](#)
Manufacturer STMicroelectronics
Category Circuit Protection
[TVS - Diodes](#)
Description TVS DIODE 10VWM 17VC SMC
Package DO-214AB, SMC
 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.


SM30T12AY Specifications

Manufacturer Part Number	SM30T12AY
Manufacturer	STMicroelectronics
Category	Circuit Protection TVS - Diodes
Package	DO-214AB, SMC
Series	Automotive, AEC-Q101, SM30TY, TRANSIL?
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	10V
Voltage - Breakdown (Min)	11.4V
Voltage - Clamping (Max) @ Ipp	17V
Current - Peak Pulse (10/1000µs)	176A
Power - Peak Pulse	3000W (3kW)
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	DO-214AB, SMC
Supplier Device Package	SMC (DO-214AB)

[Report errors?](#)

SM30T12AY 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.

SM30T12AY Payment Methods



SM30T12AY Shipping Methods



If you have any question about SM30T12AY, please do not hesitate to contact us!

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