

SM15T56AY Information


For Reference Only

Part Number [SM15T56AY](#)
Manufacturer STMicroelectronics
Category Circuit Protection
[TVS - Diodes](#)
Description TVS DIODE 48VWM 100VC 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.


SM15T56AY Specifications

| | |
|----------------------------------|--|
| Manufacturer Part Number | SM15T56AY |
| Manufacturer | STMicroelectronics |
| Category | Circuit Protection TVS - Diodes |
| Package | DO-214AB, SMC |
| Series | Automotive, AEC-Q101, SM15TY, TRANSIL? |
| Type | Zener |
| Unidirectional Channels | 1 |
| Bidirectional Channels | - |
| Voltage - Reverse Standoff (Typ) | 48V |
| Voltage - Breakdown (Min) | 53.3V |
| Voltage - Clamping (Max) @ Ipp | 100V |
| Current - Peak Pulse (10/1000µs) | 100A (8/20µs) |
| Power - Peak Pulse | 1500W (1.5kW) |
| Power Line Protection | No |
| Applications | Automotive |
| Capacitance @ Frequency | - |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | DO-214AB, SMC |
| Supplier Device Package | SMC |

[Report errors?](#)

SM15T56AY 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.

SM15T56AY Payment Methods



SM15T56AY Shipping Methods



If you have any question about SM15T56AY, please do not hesitate to contact us!

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