



SMA6T68CAY Information



For Reference Only

Part Number SMA6T68CAY

Manufacturer STMicroelectronics

Category Circuit Protection
TVS - Diodes

Description TVS DIODE 58.1VWM 121VC SMA

Package DO-214AC, SMA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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SMA6T68CAY Specifications

| Manufacturer Part Number Manufacturer STMicroelectronics Category Circuit Protection TVS - Diodes Package DO-214AC, SMA Series Automotive, AEC-Q101, SMA6TY, TRANSIL? Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 121V | * | |
|--|----------------------------------|--|
| Category Circuit Protection TVS - Diodes Package DO-214AC, SMA Series Automotive, AEC-Q101, SMA6TY, TRANSIL? Type Zener Unidirectional Channels Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Manufacturer Part Number | SMA6T68CAY |
| TVS - Diodes Package DO-214AC, SMA Series Automotive, AEC-Q101, SMA6TY, TRANSIL? Type Zener Unidirectional Channels Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Manufacturer | STMicroelectronics |
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| Series Automotive, AEC-Q101, SMA6TY, TRANSIL? Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | | TVS - Diodes |
| Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Package | DO-214AC, SMA |
| Unidirectional Channels Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Series | Automotive, AEC-Q101, SMA6TY, TRANSIL? |
| Bidirectional Channels Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Type | Zener |
| Voltage - Reverse Standoff (Typ) 58.1V Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Unidirectional Channels | - |
| Voltage - Breakdown (Min) 64.6V Voltage - Clamping (Max) @ Ipp 121V | Bidirectional Channels | 1 |
| Voltage - Clamping (Max) @ Ipp 121V | Voltage - Reverse Standoff (Typ) | 58.1V |
| | Voltage - Breakdown (Min) | 64.6V |
| G (D 1 D 1 (10/1000) 224 (0/00) | Voltage - Clamping (Max) @ Ipp | 121V |
| Current - Peak Pulse (10/1000µs) 33A (8/20µs) | Current - Peak Pulse (10/1000µs) | 33A (8/20μs) |
| Power - Peak Pulse 600W | Power - Peak Pulse | 600W |
| Power Line Protection No | Power Line Protection | No |
| Applications Automotive | Applications | Automotive |
| Capacitance @ Frequency - | Capacitance @ Frequency | - |
| Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ | Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type Surface Mount | Mounting Type | Surface Mount |
| Package / Case DO-214AC, SMA | Package / Case | DO-214AC, SMA |
| Supplier Device Package SMA (DO-214AC) | Supplier Device Package | SMA (DO-214AC) |
| Report errors? | | Report errors? |

SMA6T68CAY 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.

SMA6T68CAY Payment Methods





















SMA6T68CAY Shipping Methods













If you have any question about SMA6T68CAY, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com