

**STPS0540ZY Information**


For Reference Only

**Part Number** [STPS0540ZY](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 40V 500MA SOD123  
**Package** SOD-123  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STPS0540ZY Specifications**

Manufacturer Part Number	<a href="#">STPS0540ZY</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	SOD-123
Series	Q Automotive
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	40V
Current - Average Rectified (Io)	500mA
Voltage - Forward (Vf) (Max) @ If	500mV @ 500mA
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	40µA @ 40V
Capacitance @ Vr, F	-
Mounting Type	Surface Mount
Package / Case	SOD-123
Supplier Device Package	SOD-123
Operating Temperature - Junction	-40°C ~ 150°C

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## STPS0540ZY 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.

## STPS0540ZY Payment Methods



## STPS0540ZY Shipping Methods



If you have any question about STPS0540ZY, please do not hesitate to contact us!

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