

STPSC20H12DY Information


For Reference Only

Part Number [STPSC20H12DY](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE SCHOTTKY 1.2KV 20A TO220AC
Package TO-220-2
 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.


STPSC20H12DY Specifications

| | |
|-----------------------------------|---|
| Manufacturer Part Number | STPSC20H12DY |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products Diodes - Rectifiers - Single |
| Package | TO-220-2 |
| Series | Automotive, AEC-Q101, ECOPACK?2 |
| Diode Type | Silicon Carbide Schottky |
| Voltage - DC Reverse (Vr) (Max) | 1200V |
| Current - Average Rectified (Io) | 20A |
| Voltage - Forward (Vf) (Max) @ If | 1.5V @ 20A |
| Speed | No Recovery Time > 500mA (Io) |
| Reverse Recovery Time (trr) | 0ns |
| Current - Reverse Leakage @ Vr | 120µA @ 1200V |
| Capacitance @ Vr, F | 1650pF @ 0V, 1MHz |
| Mounting Type | Through Hole |
| Package / Case | TO-220-2 |
| Supplier Device Package | TO-220AC |
| Operating Temperature - Junction | -40°C ~ 175°C |

[Report errors?](#)

STPSC20H12DY 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.

STPSC20H12DY Payment Methods



STPSC20H12DY Shipping Methods



If you have any question about STPSC20H12DY, please do not hesitate to contact us!

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