

S12K Information


For Reference Only

Part Number [S12K](#)
Manufacturer GeneSiC Semiconductor
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE GEN PURP 800V 12A DO4
Package DO-203AA, DO-4, Stud
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


S12K Specifications

Manufacturer Part Number	S12K
Manufacturer	GeneSiC Semiconductor
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
Package	DO-203AA, DO-4, Stud
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	800V
Current - Average Rectified (Io)	12A
Voltage - Forward (Vf) (Max) @ If	1.1V @ 12A
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	10µA @ 50V
Capacitance @ Vr, F	-
Mounting Type	Chassis, Stud Mount
Package / Case	DO-203AA, DO-4, Stud
Supplier Device Package	DO-4
Operating Temperature - Junction	-65°C ~ 175°C

[Report errors?](#)

S12K 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.

S12K Payment Methods



S12K Shipping Methods



If you have any question about S12K, please do not hesitate to contact us!

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