

FR12G02 Information


For Reference Only

Part Number [FR12G02](#)
Manufacturer GeneSiC Semiconductor
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE GEN PURP 400V 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


[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.


FR12G02 Specifications

| | |
|-----------------------------------|--|
| Manufacturer Part Number | FR12G02 |
| 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) | 400V |
| Current - Average Rectified (Io) | 12A |
| Voltage - Forward (Vf) (Max) @ If | 800mV @ 12A |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Reverse Recovery Time (trr) | 200ns |
| Current - Reverse Leakage @ Vr | 25µA @ 100V |
| 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 ~ 150°C |

[Report errors?](#)

FR12G02 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.

FR12G02 Payment Methods



FR12G02 Shipping Methods



If you have any question about FR12G02, please do not hesitate to contact us!

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