

STTH12R06FP Information


For Reference Only

Part Number [STTH12R06FP](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE GEN PURP 600V 12A TO220FP
Package TO-220-2 Full Pack, Isolated Tab
 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.


STTH12R06FP Specifications

| | |
|-----------------------------------|---|
| Manufacturer Part Number | STTH12R06FP |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products Diodes - Rectifiers - Single |
| Package | TO-220-2 Full Pack, Isolated Tab |
| Series | - |
| Diode Type | Standard |
| Voltage - DC Reverse (Vr) (Max) | 600V |
| Current - Average Rectified (Io) | 12A |
| Voltage - Forward (Vf) (Max) @ If | 2.9V @ 12A |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Reverse Recovery Time (trr) | 45ns |
| Current - Reverse Leakage @ Vr | 45µA @ 600V |
| Capacitance @ Vr, F | - |
| Mounting Type | Through Hole |
| Package / Case | TO-220-2 Full Pack, Isolated Tab |
| Supplier Device Package | TO-220FPAC |
| Operating Temperature - Junction | 175°C (Max) |

[Report errors?](#)

STTH12R06FP 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.

STTH12R06FP Payment Methods



STTH12R06FP Shipping Methods



If you have any question about STTH12R06FP, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com