# STGP12NB60KD

## STGP12NB60KD Information

For Reference Only

**Part Number** STGP12NB60KD
**Manufacturer** STMicroelectronics
**Category** Discrete Semiconductor Products
Transistors - IGBTs - Single
**Description** IGBT 600V 30A 125W TO220
**Package** TO-220-3

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.

## STGP12NB60KD Specifications

| | |
|---|---|
| Manufacturer Part Number | STGP12NB60KD |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - IGBTs - Single |
| Package | TO-220-3 |
| Series | PowerMESH? |
| IGBT Type | - |
| Voltage - Collector Emitter Breakdown (Max) | 600V |
| Current - Collector (Ic) (Max) | 30A |
| Current - Collector Pulsed (Icm) | 60A |
| Vce(on) (Max) @ Vge, Ic | 2.8V @ 15V, 12A |
| Power - Max | 125W |
| Switching Energy | 258µJ (off) |
| Input Type | Standard |
| Gate Charge | 54nC |
| Td (on/off) @ 25°C | 25ns/96ns |
| Test Condition | 480V, 12A, 10 Ohm, 15V |
| Reverse Recovery Time (trr) | 80ns |
| Operating Temperature | 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-220-3 |
| Supplier Device Package | TO-220AB |
| | Report errors? |

## STGP12NB60KD 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.

## STGP12NB60KD Payment Methods

## STGP12NB60KD Shipping Methods

If you have any question about STGP12NB60KD, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com