

FGA60N65SMD Information


For Reference Only

Part Number [FGA60N65SMD](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 120A 600W TO3P
Package TO-3P-3, SC-65-3
 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.


FGA60N65SMD Specifications

| | |
|---|---|
| Manufacturer Part Number | FGA60N65SMD |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-3P-3, SC-65-3 |
| Series | - |
| IGBT Type | Field Stop |
| Voltage - Collector Emitter Breakdown (Max) | 650V |
| Current - Collector (Ic) (Max) | 120A |
| Current - Collector Pulsed (Icm) | 180A |
| Vce(on) (Max) @ Vge, Ic | 2.5V @ 15V, 60A |
| Power - Max | 600W |
| Switching Energy | 1.54mJ (on), 450µJ (off) |
| Input Type | Standard |
| Gate Charge | 189nC |
| Td (on/off) @ 25°C | 18ns/104ns |
| Test Condition | 400V, 60A, 3 Ohm, 15V |
| Reverse Recovery Time (trr) | 47ns |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-3P-3, SC-65-3 |
| Supplier Device Package | TO-3PN |

[Report errors?](#)

FGA60N65SMD 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.

FGA60N65SMD Payment Methods



FGA60N65SMD Shipping Methods



If you have any question about FGA60N65SMD, please do not hesitate to contact us!

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