

**FGY75N60SMD Information**


For Reference Only

**Part Number** [FGY75N60SMD](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 600V 150A 750W POWER-247  
**Package** TO-247-3 Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**FGY75N60SMD Specifications**

Manufacturer Part Number	<a href="#">FGY75N60SMD</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-247-3 Exposed Pad
Series	-
IGBT Type	Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	150A
Current - Collector Pulsed (Icm)	225A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 75A
Power - Max	750W
Switching Energy	2.3mJ (on), 770µJ (off)
Input Type	Standard
Gate Charge	248nC
Td (on/off) @ 25°C	24ns/136ns
Test Condition	400V, 75A, 3 Ohm, 15V
Reverse Recovery Time (trr)	55ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3 Exposed Pad
Supplier Device Package	PowerTO-247-3

[Report errors?](#)

## FGY75N60SMD 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.

## FGY75N60SMD Payment Methods



## FGY75N60SMD Shipping Methods



If you have any question about FGY75N60SMD, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)