

**FGA6530WDF Information**


For Reference Only

**Part Number** [FGA6530WDF](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 650V 60A 176W TO3PN  
**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](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.


**FGA6530WDF Specifications**

Manufacturer Part Number	<a href="#">FGA6530WDF</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-3P-3, SC-65-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	60A
Current - Collector Pulsed (Icm)	90A
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 30A
Power - Max	176W
Switching Energy	960µJ (on), 162µJ (off)
Input Type	Standard
Gate Charge	37.4nC
Td (on/off) @ 25°C	12ns/42.4ns
Test Condition	400V, 30A, 6 Ohm, 15V
Reverse Recovery Time (trr)	81ns
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?](#)

## FGA6530WDF 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.

## FGA6530WDF Payment Methods



## FGA6530WDF Shipping Methods



If you have any question about FGA6530WDF, please do not hesitate to contact us!

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

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