

**IXXX160N65B4 Information**


For Reference Only

**Part Number** [IXXX160N65B4](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 650V 310A 940W PLUS247  
**Package** TO-247-3  
 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.


**IXXX160N65B4 Specifications**

Manufacturer Part Number	<a href="#">IXXX160N65B4</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-247-3
Series	GenX4?, XPT?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	310A
Current - Collector Pulsed (Icm)	860A
Vce(on) (Max) @ Vge, Ic	1.8V @ 15V, 160A
Power - Max	940W
Switching Energy	3.3mJ (on), 1.88mJ (off)
Input Type	Standard
Gate Charge	425nC
Td (on/off) @ 25°C	52ns/220ns
Test Condition	400V, 80A, 1 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PLUS247?-3

[Report errors?](#)

## IXXX160N65B4 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.

## IXXX160N65B4 Payment Methods



## IXXX160N65B4 Shipping Methods



If you have any question about IXXX160N65B4, please do not hesitate to contact us!

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