

**IRGB5B120KDPBF Information**


For Reference Only

**Part Number** [IRGB5B120KDPBF](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1200V 12A 89W TO220AB  
**Package** TO-220-3  
 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.


**IRGB5B120KDPBF Specifications**

Manufacturer Part Number	<a href="#">IRGB5B120KDPBF</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-220-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	24A
Vce(on) (Max) @ Vge, Ic	3V @ 15V, 6A
Power - Max	89W
Switching Energy	390µJ (on), 330µJ (off)
Input Type	Standard
Gate Charge	25nC
Td (on/off) @ 25°C	22ns/100ns
Test Condition	600V, 6A, 50 Ohm, 15V
Reverse Recovery Time (trr)	160ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

[Report errors?](#)

## IRGB5B120KDPBF 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.

## IRGB5B120KDPBF Payment Methods



## IRGB5B120KDPBF Shipping Methods



If you have any question about IRGB5B120KDPBF, please do not hesitate to contact us!

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

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