

IRG8P25N120KDPBF Information


For Reference Only

Part Number [IRG8P25N120KDPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 40A 180W TO-247AC
Package TO-247-3
 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.


IRG8P25N120KDPBF Specifications

Manufacturer Part Number	IRG8P25N120KDPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	45A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 15A
Power - Max	180W
Switching Energy	800µJ (on), 900µJ (off)
Input Type	Standard
Gate Charge	135nC
Td (on/off) @ 25°C	20ns/170ns
Test Condition	600V, 15A, 10 Ohm, 15V
Reverse Recovery Time (trr)	70ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AC

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IRG8P25N120KDPBF 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.

IRG8P25N120KDPBF Payment Methods



IRG8P25N120KDPBF Shipping Methods



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