

IRG7PH50K10DPBF Information


For Reference Only

Part Number [IRG7PH50K10DPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 90A 400W TO247AC
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


IRG7PH50K10DPBF Specifications

Manufacturer Part Number	IRG7PH50K10DPBF
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)	90A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 35A
Power - Max	400W
Switching Energy	2.3mJ (on), 1.6mJ (off)
Input Type	Standard
Gate Charge	300nC
Td (on/off) @ 25°C	90ns/340ns
Test Condition	600V, 35A, 5 Ohm, 15V
Reverse Recovery Time (trr)	130ns
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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IRG7PH50K10DPBF 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.

IRG7PH50K10DPBF Payment Methods



IRG7PH50K10DPBF Shipping Methods



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