



IRG7PH42UPBF Information



For Reference Only

Part Number IRG7PH42UPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 1200V 90A 385W TO247AC

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.









IRG7PH42UPBF Specifications

Manufacturer Part Number	IRG7PH42UPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	90A
Current - Collector Pulsed (Icm)	90A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 30A
Power - Max	385W
Switching Energy	2.11mJ (on), 1.18mJ (off)
Input Type	Standard
Gate Charge	157nC
Td (on/off) @ 25°C	25ns/229ns
Test Condition	600V, 30A, 10 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	TO-247AC
	Report errors?

IRG7PH42UPBF 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.

IRG7PH42UPBF Payment Methods



















IRG7PH42UPBF Shipping Methods













If you have any question about IRG7PH42UPBF, please do not hesitate to contact us!

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