

IRG7PH42UD-EP Information


For Reference Only

Part Number [IRG7PH42UD-EP](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 85A 320W TO247AD
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.


IRG7PH42UD-EP Specifications

Manufacturer Part Number	IRG7PH42UD-EP
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)	85A
Current - Collector Pulsed (Icm)	90A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 30A
Power - Max	320W
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)	153ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD

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IRG7PH42UD-EP 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.

IRG7PH42UD-EP Payment Methods



IRG7PH42UD-EP Shipping Methods



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