

IRG7PH42UD1-EP Information


For Reference Only

Part Number [IRG7PH42UD1-EP](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 85A COPAK247
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.


IRG7PH42UD1-EP Specifications

| | |
|---|---|
| Manufacturer Part Number | IRG7PH42UD1-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) | 200A |
| Vce(on) (Max) @ Vge, Ic | 2V @ 15V, 30A |
| Power - Max | 313W |
| Switching Energy | 1.21mJ (off) |
| Input Type | Standard |
| Gate Charge | 180nC |
| Td (on/off) @ 25°C | -/270ns |
| Test Condition | 600V, 30A, 10 Ohm, 15V |
| Reverse Recovery Time (trr) | - |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247AD |

[Report errors?](#)

IRG7PH42UD1-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.

IRG7PH42UD1-EP Payment Methods



IRG7PH42UD1-EP Shipping Methods



If you have any question about IRG7PH42UD1-EP, please do not hesitate to contact us!

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