

IKW40T120 Information


For Reference Only

Part Number [IKW40T120](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 75A 270W TO247-3
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.


IKW40T120 Specifications

Manufacturer Part Number	IKW40T120
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	TrenchStop?
IGBT Type	NPT, Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	75A
Current - Collector Pulsed (Icm)	105A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A
Power - Max	270W
Switching Energy	6.5mJ
Input Type	Standard
Gate Charge	203nC
Td (on/off) @ 25°C	48ns/480ns
Test Condition	600V, 40A, 15 Ohm, 15V
Reverse Recovery Time (trr)	240ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3

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IKW40T120 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.

IKW40T120 Payment Methods



IKW40T120 Shipping Methods



If you have any question about IKW40T120, please do not hesitate to contact us!

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