

IKQ50N120CT2XKSA1 Information


For Reference Only

Part Number [IKQ50N120CT2XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT HS SW 1200V 50A TO-247-3
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.


IKQ50N120CT2XKSA1 Specifications

Manufacturer Part Number	IKQ50N120CT2XKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	100A
Current - Collector Pulsed (Icm)	200A
Vce(on) (Max) @ Vge, Ic	2.15V @ 15V, 50A
Power - Max	652W
Switching Energy	3.8mJ (on), 3.3mJ (off)
Input Type	Standard
Gate Charge	235nC
Td (on/off) @ 25°C	34ns/312ns
Test Condition	400V, 50A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3-46

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IKQ50N120CT2XKSA1 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.

IKQ50N120CT2XKSA1 Payment Methods



IKQ50N120CT2XKSA1 Shipping Methods



If you have any question about IKQ50N120CT2XKSA1, please do not hesitate to contact us!

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