

IKW50N60TA Information


For Reference Only

Part Number [IKW50N60TA](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 80A 333W 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


[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.


IKW50N60TA Specifications

Manufacturer Part Number	IKW50N60TA
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)	600V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 50A
Power - Max	333W
Switching Energy	2.6mJ
Input Type	Standard
Gate Charge	310nC
Td (on/off) @ 25°C	26ns/299ns
Test Condition	400V, 50A, 7 Ohm, 15V
Reverse Recovery Time (trr)	143ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

[Report errors?](#)

IKW50N60TA 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.

IKW50N60TA Payment Methods



IKW50N60TA Shipping Methods



If you have any question about IKW50N60TA, please do not hesitate to contact us!

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