

IKW50N65WR5XKSA1 Information


For Reference Only

Part Number [IKW50N65WR5XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 80A 305W PG-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.


IKW50N65WR5XKSA1 Specifications

Manufacturer Part Number	IKW50N65WR5XKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	TrenchStop?
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	1.8V @ 15V, 50A
Power - Max	282W
Switching Energy	840µJ (on), 220µJ (off)
Input Type	Standard
Gate Charge	230nC
Td (on/off) @ 25°C	45ns/417ns
Test Condition	400V, 25A, 16 Ohm, 15V
Reverse Recovery Time (trr)	110ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3

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IKW50N65WR5XKSA1 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.

IKW50N65WR5XKSA1 Payment Methods



IKW50N65WR5XKSA1 Shipping Methods



If you have any question about IKW50N65WR5XKSA1, please do not hesitate to contact us!

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