

AIKW30N60CTXKSA1 Information


For Reference Only

Part Number [AIKW30N60CTXKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IC DISCRETE 600V 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.


AIKW30N60CTXKSA1 Specifications

Manufacturer Part Number	AIKW30N60CTXKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	Automotive, AEC-Q101, TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	60A
Current - Collector Pulsed (Icm)	90A
Vce(on) (Max) @ Vge, Ic	2.05V @ 15V, 30A
Power - Max	187W
Switching Energy	690µJ (on), 770µJ (off)
Input Type	Standard
Gate Charge	167nC
Td (on/off) @ 25°C	23ns/254ns
Test Condition	400V, 30A, 10.6 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

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AIKW30N60CTXKSA1 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.

AIKW30N60CTXKSA1 Payment Methods



AIKW30N60CTXKSA1 Shipping Methods



If you have any question about AIKW30N60CTXKSA1, please do not hesitate to contact us!

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