AIKW50N60CTXKSA1 Information

Part Number	AIKW50N60CTXKSA1
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

For Reference Only

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.

AIKW50N60CTXKSA1 Specifications

Manufacturer Part Number	AIKW50N60CTXKSA1
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)	80A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 50A
Power - Max	333W
Switching Energy	1.2mJ (on), 1.4mJ (off)
Input Type	Standard
Gate Charge	310nC
Td (on/off) @ 25°C	26ns/299ns
Test Condition	400V, 50A, 7 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
	Report errors?

AIKW50N60CTXKSA1 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.

AIKW50N60CTXKSA1 Payment Methods

AIKW50N60CTXKSA1 Shipping Methods

If you have any question about AIKW50N60CTXKSA1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com