

IKD06N60RFAATMA1 Information


For Reference Only

Part Number [IKD06N60RFAATMA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 12A 100W PG-TO252-3
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


IKD06N60RFAATMA1 Specifications

Manufacturer Part Number	IKD06N60RFAATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	Automotive, AEC-Q101, TrenchStop?
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 6A
Power - Max	100W
Switching Energy	90µJ (on), 90µJ (off)
Input Type	Standard
Gate Charge	48nC
Td (on/off) @ 25°C	8ns/105ns
Test Condition	400V, 6A, 23 Ohm, 15V
Reverse Recovery Time (trr)	48ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	PG-TO252-3

[Report errors?](#)

IKD06N60RFAATMA1 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.

IKD06N60RFAATMA1 Payment Methods



IKD06N60RFAATMA1 Shipping Methods



If you have any question about IKD06N60RFAATMA1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com