

**IKU06N60RBKMA1 Information**


For Reference Only

**Part Number** [IKU06N60RBKMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 600V 12A 100W TO251-3  
**Package** TO-251-3 Short Leads, IPak, TO-251AA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**IKU06N60RBKMA1 Specifications**

Manufacturer Part Number	<a href="#">IKU06N60RBKMA1</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	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	2.1V @ 15V, 6A
Power - Max	100W
Switching Energy	330μJ
Input Type	Standard
Gate Charge	48nC
Td (on/off) @ 25°C	12ns/127ns
Test Condition	400V, 6A, 23 Ohm, 15V
Reverse Recovery Time (trr)	68ns
Operating Temperature	-
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	PG-TO251-3

[Report errors?](#)

## IKU06N60RBKMA1 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.

## IKU06N60RBKMA1 Payment Methods



## IKU06N60RBKMA1 Shipping Methods



If you have any question about IKU06N60RBKMA1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)