

**IKB06N60TATMA1 Information**


For Reference Only

**Part Number** [IKB06N60TATMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 600V 12A 88W TO263-3  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 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.


**IKB06N60TATMA1 Specifications**

Manufacturer Part Number	<a href="#">IKB06N60TATMA1</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2.05V @ 15V, 6A
Power - Max	88W
Switching Energy	200µJ
Input Type	Standard
Gate Charge	42nC
Td (on/off) @ 25°C	9ns/130ns
Test Condition	400V, 6A, 23 Ohm, 15V
Reverse Recovery Time (trr)	123ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	PG-TO-263

[Report errors?](#)

## IKB06N60TATMA1 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.

## IKB06N60TATMA1 Payment Methods



## IKB06N60TATMA1 Shipping Methods



If you have any question about IKB06N60TATMA1, please do not hesitate to contact us!

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

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