

**IKW03N120H2FKSA1 Information**


For Reference Only

**Part Number** [IKW03N120H2FKSA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1200V 9.6A 62.5W 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](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.


**IKW03N120H2FKSA1 Specifications**

Manufacturer Part Number	<a href="#">IKW03N120H2FKSA1</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-247-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	9.6A
Current - Collector Pulsed (Icm)	9.9A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 3A
Power - Max	62.5W
Switching Energy	290μJ
Input Type	Standard
Gate Charge	22nC
Td (on/off) @ 25°C	9.2ns/281ns
Test Condition	800V, 3A, 82 Ohm, 15V
Reverse Recovery Time (trr)	42ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3
<a href="#">Report errors?</a>	

## IKW03N120H2FKSA1 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.

## IKW03N120H2FKSA1 Payment Methods



## IKW03N120H2FKSA1 Shipping Methods



If you have any question about IKW03N120H2FKSA1, please do not hesitate to contact us!

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

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