

IKA03N120H2XKSA1 Information


For Reference Only

Part Number [IKA03N120H2XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 8.2A 29W TO220-3
Package TO-220-3 Full Pack
 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.


IKA03N120H2XKSA1 Specifications

| | |
|---|---|
| Manufacturer Part Number | IKA03N120H2XKSA1 |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-220-3 Full Pack |
| Series | - |
| IGBT Type | - |
| Voltage - Collector Emitter Breakdown (Max) | 1200V |
| Current - Collector (Ic) (Max) | 8.2A |
| Current - Collector Pulsed (Icm) | 9A |
| Vce(on) (Max) @ Vge, Ic | 2.8V @ 15V, 3A |
| Power - Max | 29W |
| Switching Energy | 290µJ |
| Input Type | Standard |
| Gate Charge | 8.6nC |
| Td (on/off) @ 25°C | 9.2ns/281ns |
| Test Condition | 800V, 3A, 82 Ohm, 15V |
| Reverse Recovery Time (trr) | 52ns |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-220-3 Full Pack |
| Supplier Device Package | PG-TO220-3 |

[Report errors?](#)

IKA03N120H2XKSA1 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.

IKA03N120H2XKSA1 Payment Methods



IKA03N120H2XKSA1 Shipping Methods



If you have any question about IKA03N120H2XKSA1, please do not hesitate to contact us!

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