

IPP100N10S305AKSA1 Information


For Reference Only

Part Number [IPP100N10S305AKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 100A TO220-3
Package TO-220-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


IPP100N10S305AKSA1 Specifications

| | |
|--|---|
| Manufacturer Part Number | IPP100N10S305AKSA1 |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | OptiMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 100V |
| Current - Continuous Drain (I _d) @ 25°C | 100A (T _c) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 10V |
| V _{gs} (th) (Max) @ I _d | 4V @ 240μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 176nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 11570pF @ 25V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 300W (T _c) |
| R _{ds} On (Max) @ I _d , V _{gs} | 5.1 mOhm @ 100A, 10V |
| Operating Temperature | -55°C ~ 175°C (T _J) |
| Mounting Type | Through Hole |
| Supplier Device Package | PG-TO220-3-1 |
| Package / Case | TO-220-3 |

[Report errors?](#)

IPP100N10S305AKSA1 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.

IPP100N10S305AKSA1 Payment Methods



IPP100N10S305AKSA1 Shipping Methods



If you have any question about IPP100N10S305AKSA1, please do not hesitate to contact us!

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