

IPP037N08N3GE8181XKSA1 Information


For Reference Only

Part Number [IPP037N08N3GE8181XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 80V 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



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.


IPP037N08N3GE8181XKSA1 Specifications

Manufacturer Part Number	IPP037N08N3GE8181XKSA1
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 (Vds)	80V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.5V @ 155µA
Gate Charge (Qg) (Max) @ Vgs	117nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8110pF @ 40V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	214W (Tc)
Rds On (Max) @ Id, Vgs	3.75 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO-220-3
Package / Case	TO-220-3

[Report errors?](#)

IPP037N08N3GE8181XKSA1 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.

IPP037N08N3GE8181XKSA1 Payment Methods



IPP037N08N3GE8181XKSA1 Shipping Methods



If you have any question about IPP037N08N3GE8181XKSA1, please do not hesitate to contact us!

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