

IPP052N06L3GHKSA1 Information


For Reference Only

Part Number [IPP052N06L3GHKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 80A 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.


IPP052N06L3GHKSA1 Specifications

Manufacturer Part Number	IPP052N06L3GHKSA1
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})	60V
Current - Continuous Drain (I _d) @ 25°C	80A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2.2V @ 58μA
Gate Charge (Q _g) (Max) @ V _{gs}	50nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	8400pF @ 30V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	115W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	5 mOhm @ 80A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	PG-TO-220-3
Package / Case	TO-220-3

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IPP052N06L3GHKSA1 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.

IPP052N06L3GHKSA1 Payment Methods



IPP052N06L3GHKSA1 Shipping Methods



If you have any question about IPP052N06L3GHKSA1, please do not hesitate to contact us!

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